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BULLETIN OF DUKE UNIVERSITY

The School of Medicine

1937



PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

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BULLETIN
OF
DUKE UNIVERSITY

THE SCHOOL OF MEDICINE



1937

DURHAM, NORTH CAROLINA

1937

FOREWORD

This bulletin is issued for prospective medical students. Admissions into any class are made only on the understanding that every decision of the Executive Committee shall apply to all students, even though subsequent to their enrollment in the School. At frequent intervals the Executive Committee reviews the records of all students, and those whose progress has been unsatisfactory may be required to leave the School. ONLY THOSE WILL BE ADVANCED WHO, IN THE OPINION OF THE EXECUTIVE COMMITTEE, GIVE PROMISE OF BEING A CREDIT TO THEMSELVES AND TO THE SCHOOL. Students who wish to study at other medical schools during one or more quarters must have their programs approved, in advance, by the Curriculum Committee and, on their return, must present evidence that they have completed successfully work comparable to that of the curriculum during the quarters in which they were away.

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SCHOOL OF MEDICINE CALENDAR, 1937-1938

1937

- Jan. 4. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Monday—Washington's Birthday: a holiday.
March 20. Saturday—Winter Quarter ends.
March 30. Tuesday—Registration of students, and Spring Quarter begins.
June 7. Monday—Commencement.
June 12. Saturday—Spring Quarter ends.
June 21. Monday—Registration of students, and Summer Quarter begins
(Junior-Senior students).
July 5. Monday—Independence Day: a holiday.
Sept. 4. Saturday—Summer Quarter ends.
Sept. 30. Thursday—Registration of students, and Autumn Quarter begins.
Nov. 25-29. Thursday-Monday—Thanksgiving Holidays.
Dec. 18. Saturday—Autumn Quarter ends.

1938

- Jan. 3. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Tuesday—Washington's Birthday: a holiday.
March 19. Saturday—Winter Quarter ends.
March 28. Monday—Registration of students, and Spring Quarter begins.
June 6. Monday—Commencement.
June 11. Saturday—Spring Quarter ends.

The Treasurer's Office is on the third floor of the Administration Building on the West Campus, and is open daily, except Sunday, from 9 A.M. to 4:30 P.M.

The office of the Recorder and Dean of the School of Medicine is in Room M 133 of the Medical School, and is open daily, except Sunday, from 8:15 A.M. to 5 P.M.

For any further information, address THE DEAN, DUKE UNIVERSITY SCHOOL OF MEDICINE, DURHAM, N. C.

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HELEN I. STOCKSDALE
Recorder of the School of Medicine

FACULTY OF THE SCHOOL OF MEDICINE

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1930—

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B.S., Davidson, 1924; M.D., Pennsylvania, 1928; Int., Howard Hosp., Graduate Hosp., Long Island College Hosp., Bellevue Hosp., 1928-1932.

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A.B., Delaware, 1920; B.A. and M.A., Oxford, 1923 and 1932; M.D., Johns Hopkins, 1925; member Obs. and Gyn. staff of New Haven Hosp. and Yale Med. Sch., 1925-1929; Assoc. Prof. Obs. and Gyn., and Head of Dept., Univ. of Va., Med. Dept., 1929-1931; *Obstetrician and Gynecologist, Duke Hospital*, 1931—

* On leave, 1936-37.

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B.S., Bates, 1930; A.M. and Ph.D., Harvard, 1931 and 1933; Research Fellow, Laboratoire de Parasitologie, Fac. de Medecine, Paris, 1933-1934; Research Ass't., Harvard Med. Sch. and Mass. Gen'l. Hosp., Jan. 1 to Oct. 1, 1935.

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B.Sc., Sheffield, 1925; Ph.D., Cambridge, 1930; Med. Research Scholar, Worshipful Co. of Grocers, 1931-1933; Beit Mem. Research Fellow, 1933.

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A.B., Princeton, 1913; B.A., B.Sc., and M.A., Oxford, 1915, 1916 and 1919; M.D., Johns Hopkins, 1917; D.Sc., Wake Forest, 1932; Int. Radcliffe Infirmary, 1915-1916; Ass't. Res., Assoc. Ped., Acting Pediatrician in Charge, Johns Hopkins Hosp., 1919-1927; Instr., Assoc., Assoc. Prof., Acting Head of Dept. of Ped., and Ass't. Dean, Johns Hopkins Med. Sch., 1919-1927; *Pediatrician, Duke Hospital, 1927—*

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A.B., Univ. of North Carolina, 1918; Grad. student, *ibid.*, 1918-1919; M.D., Johns Hopkins, 1925; Int., Church Home and Infirmary, Baltimore, 1925-1926; Int., Ass't. Res. and Res. in Laryngol., Johns Hopkins Hosp., 1926-1929; Ass't. and Instr. in Laryngol., Johns Hopkins Med. Sch., 1927-1930; *Otolaryngologist, Duke Hospital, 1929—*

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B.S., Yale, 1924; M.D., Johns Hopkins, 1928; Int. and Ass't. Res. in Surg., Johns Hopkins Hosp., 1928-1929 and 1930-1931; Fellow in Surg., Johns Hopkins Med. Sch., 1929-1930; Ass't. Res. and Res. in Sur., and *Assistant Surgeon, Duke Hospital, 1931—*

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A.B., Washington and Lee, 1916; M.D., Johns Hopkins, 1923; Res. and Assoc. Pathologist, Johns Hopkins Hosp., 1926-1927 and 1929-1930; Guest Ass't., Pathol. Inst., Ludwig Maximilian's Univ., Munich, 1928; Pathol., Baltimore City Hospitals; Consulting Pathologist, Frederick City Hosp., 1925-1930; Ass't., Instr. and Assoc. in Path., Johns Hopkins Med. Sch., 1923-1930; *Pathologist, Duke Hospital, 1929—*

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A.B., Univ. of North Carolina, 1903; A.M., Harvard, 1904; M.D., Johns Hopkins, 1908; Int., Johns Hopkins Hosp., 1908-1909; Assoc. Prof. of Path., Columbia Univ., and Pathologist, Presbyterian Hosp., N. Y., 1909-1912; Assoc., Rockefeller Institute, 1912-1913; Assoc. Prof. of Medicine, Washington Univ. Med. Dept., 1913-1914; Ass't. in Neurology, Queen Square Hospital, London, 1914; Prof. of Therapeutics, Med. Coll. of Va., 1914-1916; Lt. Col. Commanding Base Hosp. 65, A. E. F., 1917-1918; *Physician, Duke Hospital, 1931—*

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A.B., Erskine, 1907; M.D., Maryland, 1911; Int. Bay View Hosp., Baltimore, 1911-1912; Res. Gaylor Farm Sanat., Wallingford, Conn., 1912-1914; Chief of Med. Service, 1914-1924; and Sup't. North Carolina Tubercul. Sanat., 1924.

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B.S., Purdue, 1918; M.S., Illinois, 1923; Ph.D., Wisconsin, 1927; Instr. in Physiol., Univ. Illinois, 1920-1923; Instr. in Physiol., Wisconsin Med. Sch., 1923-1927; Ass't. Prof. of Physiol. and Pharmacol., Georgia Med. Coll., 1927-1929; Sr. Instr. in Physiol., Western Reserve Med. Sch., 1929-1930.

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ARTHUR SPERRY PEARSE, B.S., A.M., Ph.D., *Professor of Zoology*

B.S. and A.M., Nebraska, 1900 and 1904; Ph.D., Harvard, 1908; Austin Teaching Fellow, Harvard, 1907-1908; London School of Hygiene and Tropical Medicine, 1926; Instr. in Zoology, Michigan, 1908-1910; Ass't. Prof. 1910-1911; Assoc. Prof., Philippines, 1911; St. Louis, 1911; Wisconsin, 1911-1912; Assoc. Prof. 1912-1919; Prof., 1919-1927; Prof., Keioijuku Digaku, Tokyo, 1929-1930.

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B.S., A.M., and Ph.D., Columbia, 1913, 1914, and 1915; Ass't. in Physiol. Chem. Columbia Med. Sch., 1913-1916; Research Chemist, Rockefeller Institute, 1916-1917; Research Biochemist, Hygiene Laboratory, U. S. P. H. S., 1919-1921; Instr. and Assoc. in Med., Johns Hopkins Med. Sch., 1922-1930; Chemist to the Med. Clin., Johns Hopkins Hosp., 1922-1930; *Biochemist, Duke Hospital, 1930—*

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A.B., Ohio State, 1923; M.D., Harvard, 1927; House Officer, Huntington Mem. Hosp., Boston, 1925-1926; Int. and Res. in Med., Massachusetts General Hosp., 1927-1930; Teaching Fellow in Med., Harvard Med. Sch., 1929-1930; Instr. in Med., Duke Med. Sch., 1930-1934; Res. in Med. and *Assistant Physician, Duke Hospital, 1930—*

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A.B., Furman, 1918; M.D., Johns Hopkins, 1922; Int. in Ped., Johns Hopkins Hosp., 1922-1923; Ass't. in Path. and Bact., Rockefeller Institute, 1923-1924; Bacteriologist, Pathologist and Director, Research Laboratory of N. Y. State Hosp. for Tuberculosis, Ray Brook, N. Y., 1924-1930; *Bacteriologist and Associate Physician, Duke Hospital, 1930—*

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A.B., Barnard, 1919; M.A., Columbia, 1924; Chemist, N. Y. State Hosp., 1926-1930.

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THOMAS BUCKINGHAM COOLIDGE, B.A., M.D., *Instructor in Biochemistry*

B.A. and M.D., Harvard, 1923 and 1927; Int. in Med., Massachusetts General Hosp., 1927-1929; Tutor and Research Ass't. in Chem., Harvard College, 1929-1932; Ass't. in Biochem., College of Physicians & Surgeons, 1934-1935.

WALTER EUGENE DANIEL, B.A., M.D., *Instructor in Urology*

B.A., Wake Forest, 1927; M.D., Virginia, 1931; Int. in Private Diagnostic Clinic and in Path., 1932-1934, and *Assistant Resident in Surgery, Duke Hospital, 1936—*

GEORGE HENRY DERIEUX, B.S., M.D., *Instructor in Obstetrics and Gynecology*

B.S. and M.D., Virginia, 1928 and 1932; Int., Ass't. Res. and *Resident in Obstetrics and Gynecology, Duke Hospital, 1933—*

JOHN WILLIAM DEVINE, JR., B.S., M.D., *Assistant in Surgery*

B.S. and M.D., Duke, 1934 and 1935; Int. in Surg., Junior Ass't. and Int. in Path., and *Assistant Resident in Surgery, Duke Hospital, 1935—*

JESSE HARRISON EPPERSON, B.S., *Instructor in Preventive Medicine and Public Health*

B.S., Oklahoma, 1914; Health Officer, Durham City and County, 1922—

JOHN GEORGE FEDER, A.B., M.D., *Assistant in Neuropsychiatry*

A.B. and M.D., Ohio, 1931 and 1934; Int., rotating, St. Luke's Hosp., Cleveland, 1934-1935, Res. in Med., Obs. and Pediatrics, Greenville Gen'l. Hosp., Greenville, S. C., 1935-1936; *Assistant Resident in Neuropsychiatry, Duke Hospital, 1936—*

RICHARD VAN FLETCHER, B.S., M.D., *Assistant in Surgery*

B.S., Georgia, 1929; M.D., Johns Hopkins, 1933; Int. and Assistant Resident in Surgery, Duke Hospital, 1933-1935; on leave of absence, 1935-1936, Trudeau Sanatorium, Saranac Lake, N. Y.; *Assistant Resident in Surgery, Duke Hospital, 1934—*

ROBERT WILLIAMS GRAVES, B.S., M.A., M.D., *Instructor in Anatomy and Medicine*

B.S., Davidson, 1926; M.A., Princeton, 1928; M.D., Duke, 1933; Int. and Int. Res. in Med., New Haven Hosp., 1934-1935.

JEROME SYLVAN HARRIS, A.B., M.D., *Instructor in Pediatrics and Biochemistry*

A.B., Dartmouth, 1929; M.D., Harvard, 1933; Med. House Officer, House of Good Samaritan, Boston, Oct., 1933-Jan., 1934; Int. in Med., Univ. of Chicago Clinics, 1934-1935; House Officer, Infants and Children's Hosp., Boston, 1935-1936; *Assistant Pediatrician, Duke Hospital, 1937—*

EDWARD K. HARRISON, A.B., M.D., *Instructor in Roentgenology*

A.B., Columbia, 1927; M.D., Physicians & Surgeons, 1932; Research Ass't., Dep't. of Health, Columbia Univ., 1932-1934; Int., Irvington Gen'l. Hosp., Irvington, N. J., 1934-1935; Ass't. Res. and Res. in Roentgenology, Univ. of Maryland Hosp., 1935-1936; Ass't. Res. and *Resident in Roentgenology, Duke Hospital, 1936—*

GEORGE HEINITSH, B.S., M.D., *Instructor in Otolaryngology and Ophthalmology*

B.S., Univ. of N. Carolina, 1930; M.D., Duke, 1932; Int., N. C. Sanatorium for Treatment of Tuberculosis, March-July, 1932, and in Surg., Fellow of Priv. Diag. Clinic, Ass't. Res. in Otolaryn. and *Resident in Otolaryngology and Ophthalmology, Duke Hospital, 1932—*

EDWARD CHARLES HOLSCHER, A.B., B.S., M.D., *Instructor in Orthopedics*

A.B. and B.S., Missouri, 1933; M.D., Harvard, 1935; Int., rotating, St. Louis City Hospitals, 1935-1936; Res. in Orth., Univ. of Missouri Hosp., Columbia, Mo., July-Nov., 1936; *Resident in Orthopedics, Duke Hospital, 1936—*

JULIEN E. JACOBS, M.D., *Instructor in Orthopedics*

M.D., Nebraska, 1935; Int., rotating, Univ. Hosp., Omaha, Nebraska, 1935-1936; *Resident in Orthopedics, Duke Hospital, 1936—*

GEORGE W. JOYNER, B.S., M.D., *Instructor in Surgery*

B.S., Wake Forest, 1930; M.D., Duke, 1932; Int. in Surg., and *Assistant Resident in Surgery, Duke Hospital, 1932—*

JAMES RAYMOND KLEIN, A.B., *Assistant in Biochemistry*

A.B., Duke, 1934.

ALBERT A. KONDRITZER, A.B., M.S., *Assistant in Biochemistry*

A.B. and M.S., Cincinnati, 1931 and 1932; Fellow in Biochemistry, Cincinnati, 1931-1934.

CHARLES EDWARD LEACH, M.D., *Assistant in Medicine*

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MICHAEL JOSEPH LEPORE, B.S., M.D., *Instructor in Medicine*

B.S., New York, 1929; M.S. and M.D., Rochester, 1931 and 1934; Fellow in Phys., and in Path., Rochester Med. Sch., 1930-1931, and summer, 1933; Research app't., Babies Hosp., New York City, summer, 1932; Int. in Med., 1934-1935, and *Assistant Resident in Medicine, Duke Hospital, 1936—*

ROBERT LINDSAY McMILLAN, B.S., M.D., *Instructor in Medicine*

M.D. and B.S., Duke, 1933 and 1935; Int. Univ. Hospitals of Cleveland, 1933-1934; Ass't. Res. in Med. and in Bact., and *Resident in Medicine, Duke Hospital, 1934—*

HARRY OSCAR MICHEL, B.S., *Assistant in Biochemistry*

B.S., Calif., 1933; Research in Biochemistry, Univ. of Calif., 1933-1934.

BEN NEELY MILLER, JR., B.S., M.D., *Assistant in Medicine*

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JASPER EUGENE MORGAN, B.S., A.M., Ph.D., *Assistant in Roentgenology*

B.S., Wake Forest, 1931; A.M. and Ph.D., Duke, 1932 and 1936; Research Ass't. and *Research Associate in Physics, Duke University, 1931—*, and *Assistant Resident in Roentgenology, Duke Hospital, 1936—*

WALTER RELFE NEWBERN, B.S., *Assistant in Anatomy*
B.S., Duke, 1933.

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A.B., North Carolina, 1931; M.D., Duke, 1934; Int. in Ped., Univ. of Chicago Clinics, 1934-1935, and New York Hosp., 1935-1936; *Resident in Pediatrics, Duke Hospital, 1936—*

RICHARD LEHMER PEARSE, A.B., M.D., *Assistant in Obstetrics and Gynecology*
A.B., Duke, 1927; M.D., Harvard, 1931; House Officer, Free Hosp. for Women, 9 mos., 1931; Mass. Gen'l. Hosp., 1932-1934; Providence Lying in Hosp., 6 mos., 1935; *Assistant Resident in Obstetrics and Gynecology, Duke Hospital, 1935—*

MARY ALVERTA POSTON, *Assistant in Bacteriology*
Ass't. in Biol. Lab., Johns Hopkins Hosp., 1922-1930; *Assistant Bacteriologist, Duke Hospital, 1930—*

RICHARD ZIMRI QUERY, JR., B.S., M.D., *Assistant in Medicine and Bacteriology*
B.S., Davidson, 1929; M.D., Duke, 1934; Int., rotating, Henry Ford Hosp., 1934-1935; *Assistant Resident in Medicine and Bacteriology, Duke Hospital, 1935—*

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A.B., Univ. of Carolina, 1926; M.D., Harvard, 1930; Int. Ass't. Res. and Assoc. Res. in Surg., Strong Memorial Hosp., 1930-1934; *Resident in Orthopedics and Assistant Orthopedist, Duke Hospital, 1934—*

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A.B., Duke, 1934.

EDWIN MacRAE RUCKER, A.B., M.D., *Assistant in Obstetrics and Gynecology*
A.B., Randolph-Macon, 1927; M.D., Duke, 1934; Int. in Med., and Int. and *Assistant Resident in Obstetrics and Gynecology, Duke Hospital, 1934—*

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A.B., Oklahoma, 1927; M.D., Vanderbilt, 1931; Int. Ass't Res. and *Resident in Surgery, Duke Hospital, 1931—*

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B.A. and M.D., Oregon, 1928 and 1932; Int. in Path., Baltimore City Hosps. and Johns Hopkins Hosp., 1932-1933, and in Urol., Johns Hopkins Hosp., 1933-1934; Int. and *Assistant Resident in Obstetrics and Gynecology, Duke Hospital, 1934—*

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A.B., North Carolina; M.D., Jefferson, 1933; Int., rotating, Geisinger Memorial Hosp., Danville, Va., 1933-1934; Ass't. Res. and Res. in Radiology, Peter Bent Brigham Hosp., Boston, 1934-1936; *Assistant Radiologist, Duke Hospital, 1936—*

ROWLAND H. WALKER, JR., A.B., M.D., *Instructor in Private Diagnostic Clinic*

A.B., Washington & Lee, 1930; M.D., Pennsylvania, 1934; Int., rotating, Univ. of Virginia Hosp., 1934-1935; Fellow and *Resident, Private Diagnostic Clinic, Duke Hospital, 1935—*

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B.Sc. and M.Sc., Dalhousie, 1933 and 1934.

WARNER LEE WELLS, A.B., *Assistant in Anatomy*

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E. LLOYD WILBUR, M.D., *Assistant in Pathology*

M.D., Nebraska, 1934; Int., rotating, Jennie Edmondson Hosp., Council Bluffs, Iowa, 1934-1935; Int. and *Assistant Resident in Pathology, Duke Hospital, 1935—*

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 ANNE YATES, A.B., A.M., Ph.D., *Biochemistry*.

Resident Staff

Residents

ROBERT LINDSAY McMILLAN, M.D., and B.S., Duke, 1933 and 1935; *Medicine*.
 PAUL WELDON SANGER, A.B., Oklahoma, 1927; M.D., Vanderbilt, 1931; *Surgery*.
 GEORGE HEINITSH, B.S., North Carolina, 1930; M.D., Duke, 1932; *Otolaryngology and Ophthalmology*.
 EDWARD CHARLES HOLSCHER, A.B. and B.S., Missouri, 1933; M.D., Harvard, 1935; *Orthopedics*.
 JULIEN E. JACOBS, M.D., Nebraska, 1935; *Orthopedics*.
 GEORGE HENRY DERIEUX, B.S. and M.D., Virginia, 1928 and 1932; *Obstetrics and Gynecology*.
 DANIEL J. PACHMAN, A.B., North Carolina, 1931; M.D., Duke, 1934; *Pediatrics*.
 EDWARD K. HARRISON, A.B., Columbia, 1927; M.D., Columbia (P. & S.), 1932; *Röntgenology*.
 WALTER EUGENE DANIEL, B.A., Wake Forest, 1927; M.D., Virginia, 1931; *Urology*.
 ROWLAND H. WALKER, JR., A.B., Washington and Lee, 1930; M.D., Pennsylvania, 1934; *Private Diagnostic Clinic*.

Assistant Residents

CHARLES EDWARD LEACH, M.D., Duke, 1935; *Medicine*.
 MICHEL JOSEPH LEPORE, B.S., New York, 1929; M.S. and M.D., Rochester, 1931 and 1934; *Medicine*.
 BEN NEELY MILLER, JR., B.S. and M.D., Duke, 1935; *Medicine*.
 RICHARD ZIMRI QUERY, JR., B.S., Davidson, 1929; M.D., Duke, 1934; *Medicine and Bacteriology*.
 ROBERT EDWARDS STONE, A.B., Carolina, 1929; M.D., Harvard, 1934; *Medicine*.
 JOHN GEORGE FEDER, A.B. and M.D., Ohio, 1931 and 1934; *Neuropsychiatry*.
 JOHN WILLIAM DEVINE, JR., B.S. and M.D., Duke, 1934 and 1935; *Surgery*.
 RICHARD VAN FLETCHER, B.S., Georgia, 1929; M.D., Johns Hopkins, 1933; *Surgery*.
 GEORGE W. JOYNER, B.S., Wake Forest, 1930; M.D., Duke, 1932; *Surgery*.
 LOUIS CARROLL ROBERTS, A.B., Davidson, 1930; M.D., Duke, 1933; *Surgery*.
 HERMAN MAX SCHIEBEL, A.B. and M.D., Johns Hopkins, 1929 and 1933; *Surgery*.
 SAMUEL E. UPCHURCH, B.A. and M.D., Vanderbilt, 1929 and 1933; *Surgery*.

* On leave 1936-37.

- GLENN EMORY STAYER, A.B., Columbia, 1931; M.D., Duke, 1934; *Otolaryngology*.
- RICHARD LEHMER PEARSE, A.B., Duke, 1927; M.D., Harvard, 1931; *Obstetrics and Gynecology*.
- EDWIN MACRAE RUCKER, A.B., Randolph-Macon, 1927; M.D., Duke, 1934; *Obstetrics and Gynecology*.
- GIFFORD DE ALTON SEITZ, B.A. and M.D., Oregon, 1928 and 1932; *Obstetrics and Gynecology*.
- WILLIAM ARNOLD DOUGLAS ANDERSON, B.A., M.D. and M.A., Toronto, 1931, 1934 and 1936; *Pathology*.
- E. LLOYD WILBUR, M.D., Nebraska, 1934; *Pathology*.
- JEROME SYLVAN HARRIS, A.B., Dartmouth, 1929; M.D., Harvard, 1933; *Biochemistry*.

Internes

- RAYMOND DELACEY ADAMS, B.A. and M.A., Oregon, 1932 and 1933; M.D., Duke, 1936; *Medicine*.
- GEORGE THOMAS HARRELL, JR., B.A. and M.D., Duke, 1932 and 1936; *Medicine*.
- JULIA MARY JONES, B.A., Ohio, 1930; M.D., Duke, 1935; *Medicine*.
- ELIJAH EUGENE MENEFEY, JR., B.S. and M.D., Duke, 1936; *Medicine*.
- FRED VERNAM ROCKWELL, A.B. and M.D., Rochester, 1931 and 1936; *Medicine*.
- WILLIAM SCHULZE, B.S., Richmond, 1932; M.D., Duke, 1936; *Medicine*.
- ROBERT WILLIAMS, A.B., Duke, 1931; M.D., Pennsylvania, 1935; *Medicine*.
- WILLIAM HENRY BRIDGERS, B.S. and M.D., Duke, 1936; *Surgery*.
- FRANK WOOLRIDGE BUCKNER, B.S., Davidson, 1932; M.D., Duke, 1936; *Surgery*.
- ROBERT ARTHUR BURNS, B.S., Bonaventure, 1932; M.D., Rochester, 1936; *Surgery*.
- CHARLES FRANCIS CHUNN, M.D., Duke, 1935; *Surgery*.
- MILO FRITZ, A.B. and M.D., Columbia, 1931 and 1934; *Surgery*.
- HENRY STOKES MUNROE, JR., B.S., Davidson, 1931; M.D., Duke, 1935; *Surgery*.
- PHILIP BROWER PARSONS, B.S. and M.D., Duke, 1935 and 1936; *Surgery*.
- WIFF CAMP SEALY, B.S. and M.D., Emory, 1933 and 1936; *Surgery*.
- WILLIAM DEMPSEY FARMER, A.B. and M.D., Duke, 1930 and 1934; *Otolaryngology*.
- EDGAR REESE HARGETT, B.S., and M.D., Cincinnati, 1928 and 1931; *Otolaryngology*.
- ELEANOR BEAMER EASLEY, B.A., Idaho, 1928; M.A., Iowa, 1929; M.D., Duke, 1934; *Obstetrics and Gynecology*.
- CLARENCE KENDALL FRASER, Ph.B., Holy Cross, 1931; M.D., Tufts, 1935; *Obstetrics and Gynecology*.
- HARRIOTT I. GATES ANDERSON, M.D., Toronto, 1935; *Pediatrics*.
- ELIZA CALDWELL, A.B., Centre, 1932; M.D., Vanderbilt, 1936; *Pediatrics*.
- CHARLES PAUL STEVICK, B.A. and M.D., Duke, 1933 and 1936; *Pediatrics*.
- FRANK WEITZ, A.B., Georgia; M.D., Tulane, 1935; *Pediatrics*.
- SIDNEY FEYDER, A.B., M.S. and M.D., Rochester, 1932, 1934 and 1936; *Pathology*.
- JOHN FAIRMAN PRESTON, JR., B.S., Davidson, 1931; M.D., Duke, 1935; *Pathology*.
- JOSEPH BLACKBURN STEVENS, B.S., Davidson, 1932; M.D., Duke, 1935; *Pathology*.
- DANA MORRIS STREET, B.S., Haverford, 1932; M.D., Cornell, 1936; *Pathology*.
- RALPH A. ARNOLD, B.A., Rochester, 1932; M.D., Buffalo, 1936; *Student Health Service*.
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- MEYER MICHAEL LIPTON, D.D.S., Iowa, 1936; *Dentistry*.

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Memphis, Tennessee.....	RAPHAEL E. SEMMES
Nashville, Tennessee.....	R. SIDNEY CUNNINGHAM
Fert Worth, Texas.....	KHLEBER H. BEALL
Salt Lake City, Utah.....	ALFRED J. RIDGES
St. Johnsbury, Vermont.....	WM. G. RICKER
Charlottesville, Virginia.....	HENRY B. MULHOLLAND
Roanoke, Virginia.....	HUGH H. TROUT
Seattle, Washington.....	R. D. FORBES
Huntington, West Virginia.....	GEORGE M. LYON

GENERAL STATEMENT

Duke University School of Medicine and Duke Hospital were established in 1925, through the munificent gift of the late James B. Duke. The *School of Medicine* has been planned to insure the greatest correlation between the various departments. These facilities are available also for students who are studying for degrees other than that of Doctor of Medicine. The School of Medicine has been approved as Class A by the American Medical Association and also is a member of the Association of the American Medical Colleges. On October 5, 1936, two hundred and forty-three students were enrolled.

FACILITIES OF THE HOSPITAL

Duke Hospital has every modern convenience for the diagnosis, proper care, welfare and comfort of the patients, both private and charity, white and colored, whether they come from Durham or from a distance. It has 456 beds, including 50 bassinets for newly born infants. *Medicine*, including dermatology, neurology and psychiatry, has 111 ward beds; *surgery*, including urology, otolaryngology, ophthalmology and orthopedics, 105 ward beds; *obstetrics*, including *gynecology*, 56, and 50 bassinets; and *pediatrics*, 52. There are 82 private rooms and semi-private cubicles, 7 operating rooms, 4 obstetrical delivery rooms, and accommodations for a resident staff of 71. Offices and examining rooms for the members of the Medical Faculty are located in the Hospital. The Hospital has been approved for internship and residencies by the Council on Medical Education and Hospitals of the American Medical Association.

Duke Hospital and its Public Dispensary were opened for patients on July 21, 1930. Seventy-eight thousand and five hundred individuals have been examined, diagnosed, and treated up to January 1, 1937. Fourteen per cent of the patients come from within a radius of twenty miles, the remaining 86 per cent come from over 90 of the 100 counties in North Carolina and from 22 other states and Canada. The average distance traveled by the patient is more than 70 miles.

PUBLIC WARD PATIENTS. Duke Hospital cannot give charity treatment to all who apply; therefore patients whose incomes are less than \$15 per week should apply for examinations or for admission to the public wards, through their family physicians, to the Duke Public Dispensary (telephone Durham F-131) on the days and hours listed below. The hospital fees consist of three classes of flat daily rates (private, semi-private, and public ward), which cover all hospital costs, including those usually charged as extras, thereby making it possible to estimate, in advance, the probable cost of hospitalization and to adjust the bill to the patient's resources. This policy of basing the rate upon the amount the patient can pay, rather than on the actual cost, like a hotel, has enabled

many, who, under the former system, unnecessarily were objects of charity, to maintain their self-respect by contributing a fixed sum within their means. The actual cost to the Hospital for public care is over \$4.00 daily; but in order to meet the greatly increased demand for charity work, Duke Hospital adopted the co-operative plan of paying half the cost, provided the patient's local welfare department co-operated by paying the other half, or \$2.00 daily, in advance. This is in accordance with Mr. Duke's plan that the communities share, with the Duke Endowment, the burden of charity patients, instead of either carrying all of it. Although 90 per cent of the patients pay less than cost, the revenue from patients, their friends, the counties and the Duke Endowment provides approximately half of their expenses. By having every patient contribute in accordance with his means, the balance, which Duke Hospital gives in charity or less than cost service, has been spread over a larger number of people. Instead of giving complete and pauperizing charity care to 4,000 patients, the hospital has been able to assist 10,000 individuals to obtain medical care for which they could not pay the full cost.

PRIVATE PATIENTS. Patients who can pay the ward and private rates of \$3.50 to \$9.00 per day, exclusive of professional services, may at any time, through their family physicians, in consultation with any member of the Hospital Staff, make reservations by telephoning to the Admitting Office (Durham F-131). Appointments for private examinations and treatment may be made in advance by telephoning to members of the Hospital Staff or to the Private Diagnostic Clinic (Durham F-131).

Every effort is being made to co-operate with the medical profession, and patients are asked to return to the physicians who referred them to the Hospital and Public Dispensary.

PUBLIC DISPENSARY

SCHEDULE OF THE DUKE PUBLIC DISPENSARY. Patients are admitted at 12 M., unless otherwise stated below.

Daily, except Saturdays, Sundays, and holidays: *Medicine, General Surgery, Obstetrics and Gynecology, Children's Diseases, Tumors, Dentistry, Ear, Nose and Throat.*

Mondays, Wednesdays, and Fridays: *Orthopedics.*

Tuesdays, Thursdays, and Fridays: *Eye.*

Tuesdays, Wednesdays, Thursdays, and Fridays: *Urology.*

Tuesdays (9:00 A.M.): *Asthma, Hay Fever, Skin Diseases, Diabetes, and Infant Feeding.*

Wednesday (9:00 A.M.): *Endocrinology.*

Thursdays (6:30 P.M.): *Syphilology.*

Fridays (9:00 A.M.): *Pneumothorax.*

If the patient is able to pay, the Public Dispensary charge is from twenty-five cents to \$5.00 for the first visit to any department, plus the actual cost of x-rays and other materials used. For the return visits, to

the regular clinics, the rate is from twenty-five cents to seventy-five cents for consultation or completion of examination; and seventy-five cents for patients who have not been instructed to return, but do so on their own initiative. In order to co-operate with the medical profession, anyone who wishes to attend the Public Dispensary should consult, and bring a letter from his or her own physician. All patients accompanied by their physicians are admitted free to the Public Dispensary.

The general policy of admitting patients to the Wards and Public Dispensary is to consider carefully their financial and social status; income and size of family, special responsibilities and the probable cost of treatment, all being weighed in determining admission. A married patient, for instance, with an income of less than \$15 per week is considered admissible to the Public Wards or Public Dispensary for ordinary conditions; the income limit, of course, varying according to the other factors which affect the patient's financial status. Those who are able to pay the ordinary fees of consultants and specialists are not admitted to the Public Dispensary, but may make arrangements through their own physicians for examinations by any member of the Hospital Staff or in the Private Diagnostic Clinic.

PRIVATE DIAGNOSTIC CLINIC

The Private Diagnostic Clinic was organized to co-ordinate the diagnostic studies, and to give better care for the complicated problems arising in the examination of private patients. The Clinical Staff of Duke Hospital and School of Medicine forms the professional staff of this Clinic, while the financial side is handled by a business manager. The offices and examining rooms are in Duke Hospital, and all the laboratory and diagnostic facilities of the Hospital and School of Medicine are utilized by the Clinic. A complete diagnostic survey usually requires from one to four days, and the charges generally range from \$15 to \$50, the amount depending on the work required and on the financial condition of the patient.

SCHOOL OF NURSING

BESSIE BAKER, R.N., B.S., *Dean of the School of Nursing*

The next class of students will be admitted to the Duke University School of Nursing on October 4, 1937, but applications should be sent as soon as possible; they will be considered in the order received. The entrance requirements are intelligence, character, and graduation from an acceptable high school. The course leading to the Diploma of Graduate Nurse consists of three years of eleven months each. The tuition is \$100 per year. Application forms and bulletins may be obtained by writing to the Dean, Duke University School of Nursing, Durham, N. C.

Duke University grants the degree of Bachelor of Science in Nursing to women who have completed successfully two years of college work (60 semester-hours) in Duke University or another approved univer-

sity or college, in addition to the three-year course leading to the Diploma of Graduate Nurse in Duke University School of Nursing, provided they have had certain specified college courses. The sixty semester-hours of college work can be completed either before or after the three-year course in the School of Nursing but not during it. Those who contemplate studying for this degree should obtain advice from the Dean of the School of Nursing about the University or College courses which are recommended.

SCHOOL OF DIETETICS

ELSIE W. MARTIN, A.B., M.S., *Professor of Dietetics*

In addition to the training of medical students and nurses in dietetics, four student dietitians may be admitted to the School of Dietetics and given the certificate of graduate dietitian after the successful completion of one year. The entrance requirements are a Bachelor's degree from an approved university or college, with majors in nutrition and institutional management, and the courses in chemistry, biology, social science and education recommended by the American Dietetic Association. The course for student dietitians provides instruction in all phases of hospital and institutional dietetics, including experience from the buying and storage of food to its service to the patient according to the doctor's orders. In addition, the student dietitians are required to complete the courses in biochemistry, nutrition and selected portions of physiology as given to the medical students.

More detailed information and application blanks may be obtained from the Professor of Dietetics, Duke University School of Dietetics, Durham, N. C. The course starts the first Monday in September, but applications for appointments should be made before February 1. No tuition is charged, but a registration fee of \$10.00 is payable at the time of appointment; maintenance is provided.

ANESTHESIA

MARY MULLER, R.N., *Instructor in Anesthesia.*

MARY S. SNIVELY, R.N., *Instructor in Anesthesia.*

ELIZA GOODMAN, R.N., *Assistant in Anesthesia.*

Duke Hospital offers to registered nurses from accredited schools of nursing a twelve months' course in anesthesia, which includes the theory and practice of anesthesia. The tuition fee of \$100 covers all expenses of the course, including maintenance. Applications may be sent to Miss Mary Muller, Duke Hospital, Durham, N. C.

POSTGRADUATE STUDY

The need for more provision for postgraduate study is very acute, not only in this country, but also abroad. There are very few clinics to which a physician can go, after he has been in practice several years, to obtain the additional training which he has found necessary. The School of

Medicine is attempting to fill this need. If any doctor wishes to spend a few days, weeks, or months reviewing his knowledge of medicine, surgery, obstetrics, pediatrics, or other branches, or if he has to do an unusual operation and wishes to refresh his memory of the anatomy involved, the facilities and equipment are at his disposal. The School of Medicine is not limited to the training of its own students and staff but extends to the members of the medical profession the benefit of everything it has. Graduates in medicine are welcomed especially at the various clinics and demonstrations in medicine, surgery, obstetrics, and other specialties which are held from 9 A.M. to 12:30 P.M. each Saturday and at the clinical-pathological conferences at 5 P.M. on Wednesdays. A three-day post-graduate symposium on the Diseases of Women and Children also will be given on November 11 to 13, 1937. Further information may be obtained by writing to the head of the department concerned or to the Dean.

INTERNESHIPS AND RESIDENCIES

Interneships of one year's duration with room, board, laundry, and uniforms furnished, but without salary, are available in *surgery* (including general surgery, urology, and orthopedics), in *obstetrics* and *gynecology*, in *pediatrics*, or in *pathology*, commencing each July and September.

Medical interneships (including dermatology, neurology, and psychiatry) are of two years' duration, the interne rising by progressive stages of four months each to senior house officer. After one year's service the interne has the rank and emoluments of an assistant resident. Services begin in July, November and March.

Application blanks for all interneships, which must be returned by December 1, may be obtained by writing to the Superintendent, Duke Hospital, Durham, N. C. Graduates of any Class A medical school are eligible for interneships.

After the completion of an interneship in Duke Hospital or in another acceptable hospital, a certain number may be appointed as assistant residents in medicine, surgery, obstetrics and gynecology, pediatrics, neuropsychiatry, orthopedics, urology, otolaryngology, roentgenology, pathology or biochemistry, or as fellows of the Private Diagnostic Clinic, at a salary of \$250 to \$500 per year with maintenance, and eventually may be promoted to the residency in the various departments or sub-departments of the Hospital at an annual salary of \$500 to \$1,000 with maintenance. Applications should be made to the head of the department concerned.

The Hospital and School of Medicine are an integral part of the Duke University campus and its educational, recreational, and athletic facilities are available for the Resident Staff.

The present Resident Staff of seventy-one consists of a resident, five assistant residents, and eight internes in *medicine*; a resident, seven assistant residents and eight internes in *surgery* (the seven surgical assistant residents are assigned in rotation to *general surgery*, *pathology*, *orthopedics*, and *urology*; a resident, an assistant resident, and three internes

in *otolaryngology* and *ophthalmology*; a resident, four assistant residents, and three internes in *obstetrics* and *gynecology*; five assistant residents and four internes in *pediatrics*; a resident and assistant resident in *roentgenology*; a resident in *orthopedics*; a resident in *urology*; a resident in *neuropsychiatry*; a resident, two assistant residents, and four internes in *pathology*; one assistant resident in *biochemistry*; one assistant resident in *bacteriology*; a resident and two fellows in the *Private Diagnostic Clinic*; one interne in *dentistry* and one interne on the *Student Health Service*.

LIBRARY

"To study the phenomena of disease without books is to sail an uncharted sea, while to study books without patients is not to go to sea at all."—SIR WILLIAM OSLER.

In addition to the general library of Duke University and the departmental libraries of biology, chemistry, physics, etc., which have 420,500 volumes available for medical students, Duke Hospital Library contains 32,500 volumes of American and foreign medical literature and subscribes to 300 current American and foreign medical and other scientific journals. These books and journals are available daily from 8:20 A.M. to 11:00 P.M. for the students, nurses, staff, and medical profession.

MEDICAL CARE

With the exceptions noted below, full medical and surgical care for all regularly matriculated medical students is included in the tuition. This service is under the direction of the University Physician with the co-operation of the Staff of Duke Hospital. It includes hospitalization, medical and surgical care, drugs, dressings, x-ray studies and ward nursing. A charge for board is made at the same rate as in the University dining-halls, and student meal tickets for these halls are accepted in payment of this board. Refraction of eyes and treatment of teeth and of all chronic and pre-existing conditions, such as the removal of diseased tonsils, etc., are not included in this service. The cost of any necessary braces and orthopedic appliances as well as of special nursing must be borne by the student.

STUDENT GOVERNMENT

The members of the student body elect an Honor Council in which each class is represented. It is the duty of the Honor Council to hear all cases involving breaches of conduct on the part of members of the student body. All new students entering this School are required to comply with this system of government.

APPLICATION FOR ADMISSION

Application forms may be obtained by writing to the Dean, Duke University School of Medicine, Durham, N. C. They must be filled in with typewriting, a 2 x 2½ inch recent photograph attached, and the

application returned to the Dean as soon as possible. Applications are considered in the order received. If the information obtained is satisfactory, a personal interview with the Committee on Admission or a Regional Representative is arranged for the applicant. The candidate then is notified as soon as possible whether he has been accepted or declined; if accepted, the student must send a deposit of \$50 within two weeks to insure his enrollment. This money is applied toward his tuition. First-year students are admitted only in September at the beginning of the Autumn Quarter, but applications are considered, and a decision in regard to admission is made at any time during the preceding year. Women are received on the same terms as men.

REQUIREMENTS FOR ADMISSION

"I request that great care and discrimination be exercised in admitting as students only those whose previous record shows a character, determination and application evincing a wholesome and real ambition for life."—JAMES B. DUKE.

Intelligence and character are the essential qualifications for admission.

In addition, each candidate must have the following preparation, which includes the minimal requirements for Class A medical schools:

1. At least two years of college work (70 semester-hours), including:
2. *Biology*: At least one year (12 semester-hours, one half of which must be laboratory work, and must include training in embryology). A course in comparative anatomy also is recommended.

3. *Chemistry*: At least two years (10 semester-hours of inorganic chemistry including short or preliminary courses in qualitative and quantitative analysis, and 6 semester-hours of organic chemistry; one-half of each course must be laboratory work). These represent the minimal requirements in chemistry. Additional courses in analytical and physical chemistry are desirable.

4. *Physics*: At least one year (10 semester-hours, one half of which must be laboratory work).

5. *English*: At least two years (12 semester-hours).

6. *Mathematics*: At least one year (6 semester-hours; a working knowledge of logarithms is essential, and one of calculus is desirable).

7. *German*: A reading knowledge of scientific German is highly desirable.

8. Applicants are required to take the aptitude tests of the Association of American Medical Colleges unless specifically excused by the School. These tests are given at most of the colleges and universities in December.

(Selection is based on the *quality* rather than the *quantity* of preparation.)

REQUIREMENTS FOR ADMISSION TO ADVANCED STANDING

In addition to the requirements for entrance, an applicant for admission to the Junior Class must present evidence that he will complete successfully the first- and second-year curriculum in a Class A medical

school consisting of: gross, microscopic and neuro-anatomy, biochemistry, pharmacology, physiology, gross and microscopic pathology, bacteriology, clinical microscopy, and normal and abnormal physical diagnosis. Students who transfer from other medical schools can be admitted only in the Autumn Quarter. They are eligible to receive their certificates in March or June two years later, depending on whether they attend the intervening Summer Quarter. Application forms may be obtained by writing to the Dean, Duke University School of Medicine, Durham, N. C.; they are considered and a decision in regard to admission made as described on pages 24-25. All applications must be completed by March 15 if they are to receive consideration. Students at other approved medical schools may, if recommended, transfer to Duke for one or more quarters for regular or special studies. They should write to the Dean for information.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN MEDICINE

Duke University grants the degree of Bachelor of Science in Medicine to students who have completed satisfactorily seventy semester-hours of college work in Duke University or another approved university or college, six quarters in the Duke University School of Medicine, *creditable extra* work in any department, and an accepted thesis. No credit toward this degree is given for additional college work, and students who have a Bachelor's degree are not eligible. Students who wish to study for this degree may, during their third or fourth quarter, arrange a program of extra work with the head of the department concerned.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF MEDICINE

A certificate is given those who, after fulfilling all the requirements for entrance, have completed, to the satisfaction of the Executive Committee, the twelve quarters of the curriculum of the School of Medicine. The degree of Doctor of Medicine is conferred after the completion of two years in satisfactory training in a hospital or laboratory acceptable to the Executive Committee.

DEPARTMENTS OF INSTRUCTION

Anatomy

- F. H. SWETT, *Professor of Anatomy.*
D. C. HETHERINGTON, *Associate Professor of Anatomy in Charge of Histology and Neurology.*
W. H. HOLLINSHEAD, *Associate in Anatomy.*
J. W. EVERETT, *Associate in Anatomy.*
R. W. GRAVES, *Instructor in Anatomy and Medicine.*
G. J. BAYLIN, *Assistant in Anatomy.*
MARGARET V. BURNS, *Assistant in Anatomy.*
W. R. NEWBERN, *Assistant in Anatomy.*
J. S. RAPER, *Assistant in Anatomy.*
I. S. ROSS, *Assistant in Anatomy.*
W. L. WELLS, *Assistant in Anatomy.*
MARY E. SHIPP, *Research Assistant in Anatomy.*

The Autumn Quarter and two days per week during the Winter Quarter of the first year are devoted to the courses of instruction in gross human anatomy, histology, and neurology *required* of all entering students. Further work in these subjects and advanced studies in various other branches of anatomy may be undertaken during the student's free time. Prospective candidates for *elective* work should discuss their wants with the member of the staff in charge of the particular field in which work is requested, because only a small number can be accommodated in each group. A few properly qualified students may be permitted to undertake original research under the direction of various members of the Staff.

Biochemistry

- W. A. PERLZWEIG, *Professor of Biochemistry.*
H. M. TAYLOR, *Assistant Professor of Biochemistry and Toxicology.*
MARY L. C. BERNHEIM, *Assistant Professor of Biochemistry.*
ANNE YATES, *Associate in Biochemistry.*
I. B. COOLIDGE, *Instructor in Biochemistry.*
W. M. NICHOLSON, *Associate in Medicine and Biochemistry.*
J. S. HARRIS, *Instructor in Pediatrics and Biochemistry.*
J. R. KLEIN, *Assistant in Biochemistry.*
A. A. KONDRITZER, *Assistant in Biochemistry.*
H. O. MICHEL, *Assistant in Biochemistry.*
ERNST BRUCH, *Research Fellow in Biochemistry.*

The *required* course in general biochemistry for first-year students is given in the Autumn and Winter Quarters. One morning each week in the Autumn Quarter is devoted, in discussion groups, to the correlation of the fundamental facts and theories of physical and organic chemistry with the chemistry of living organisms. In the Winter Quarter three lectures and four laboratory periods per week, supplemented by systematic reading and weekly conferences in small groups, are devoted to a more intensive study of the chemistry of the physiological processes of digestion and absorption, circulation and respiration, acid-base and salt equilibrium metabolism including quantitative urine and blood analyses.

Since the success of the students in this course is largely determined by the adequacy and ready availability of their premedical training, it is urged that all students review the fundamental laws, theories, and facts of chemistry before the beginning of the course. A circular outlining the topics requiring special attention is sent to all students upon admission. Additional copies of the circular may be obtained from the Dean's Office. An examination to test the state of preparation of the student is given in the beginning of the course in biochemistry.

Electives. In connection with the course given in the Spring Quarter for second-year students a survey of *pathological and clinical chemistry* is presented. In this course are covered abnormalities of: protein, fat and carbohydrate metabolism, acid-base regulation, salt and water distribution, nitrogen retention, calcium and phosphorus metabolism, blood and derived bile pigments. The discussion of these topics is based upon case histories, including the records of the Clinical Chemical Laboratory of the Hospital.

Biochemical Research. The facilities of the department, including various types of research equipment and the clinical material of the blood chemistry laboratory, are available to properly qualified students for independent or supervised investigations. Chemical investigations of problems in biochemistry or in conjunction with the clinical departments and the Department of Pathology may be carried on.

Seminar in Toxicology. A round-table discussion of the homicidal, suicidal and industrial poisons, alcoholism, etc. Autumn or Spring Quarters by arrangement.

Laboratory Detection of Common Poisons. A laboratory course in the properties, detection and identification of the common poisons. Consideration is given to the types of material to be examined, legal precautions to be taken and interpretation of the findings. Autumn or Spring Quarters by arrangement.

Blood Analysis. A laboratory course in the technic of quantitative blood analysis and in the interpretation as applied in clinical work. Offered in the Autumn Quarter.

Physiology and Pharmacology

- G. S. EADIE, *Professor of Physiology and Pharmacology.*
F. D. MCCREA, *Associate Professor of Physiology and Pharmacology.*
FREDERICK BERNHEIM, *Associate Professor of Physiology and Pharmacology.*
W. J. DANN, *Assistant Professor of Physiology and Nutrition.*
MACDONALD DICK, *Associate in Medicine, Physiology and Pharmacology.*
E. S. ORGAIN, *Associate in Medicine and Physiology.*
M. DOROTHY WEBSTER, *Assistant in Physiology and Pharmacology.*

The *required* courses consist of: (a) a lecture course in physiology and pharmacology, including nutrition, (b) a laboratory course covering physiology, pharmacology, and nutrition, and (c) a seminar in which problems arising in the laboratory and in the student's reading are discussed.

Elective courses covering particular aspects of these subjects, including pathological physiology and research in special fields, are available. Details will be posted on the bulletin board.

Pathology

W. D. FORBUS, *Professor of Pathology.*
D. H. SPRUNT, *Associate Professor of Pathology.*
R. D. BAKER, *Assistant Professor of Pathology.*
W. A. D. ANDERSON, *Assistant in Pathology.*
E. L. WILBUR, *Assistant in Pathology.*
J. F. PRESTON, JR., *Assistant in Pathology.*
SIDNEY FEYDER, *Assistant in Pathology.*
J. B. STEVENS, *Assistant in Pathology.*
D. M. STREET, *Assistant in Pathology.*

The *required* course in general pathology for second-year students is given in the Autumn and Winter Quarters. The class is divided into small groups, one instructor and an assistant being assigned to each group. For the purpose of teaching the gross pathological alterations of tissue, the museum material, which consists of complete cases preserved as units, has been classified into well recognized groups, such as obstructions, diseases due to animal parasites, tumors, etc., each group of materials being placed in a separate laboratory. The various student groups are rotated through these rooms. The microscopic aspects of pathological processes are studied by the students at the same time the gross pathological features of the disease are being considered. Physiological, chemical, and bacteriological phases of the various disease processes also are presented to the student by constant reference to the autopsy protocols and clinical studies of the cases which are being considered by the groups, and by visits to the Hospital wards. Lectures on general subjects of wide application are given in co-ordination with the museum case studies. Attendance at autopsies is required of the students of the second year, the class being divided into small groups which are called in turn. The group members are required to follow all studies of the cases which they see and to prepare their own complete records. Cases thus prepared are presented by the students before the entire class under the direction of the Staff.

Elective courses in pathology in the Spring Quarter are available for a limited number of students who have completed the course in general pathology. Research facilities are provided in the department for students who are competent to undertake investigation.

On Wednesdays at 5 P.M., during the Autumn, Winter, and Spring Quarters, a clinical-pathological conference is held in co-operation with the staffs of the clinical departments. While this conference is designed especially for the Hospital Staff, it is open to all members of the medical profession and students of medicine. Students of the second, third and fourth years routinely attend this conference. A gross diagnostic clinical-pathological conference on current autopsies is held weekly in collabora-

tion with the clinical departments. This conference is required of students of the third and fourth year.

Bacteriology

D. T. SMITH, *Professor of Bacteriology and Associate Professor of Medicine.*
 D. S. MARTIN, *Assistant Professor of Bacteriology and Associate in Medicine.*
 N. F. CONANT, *Associate in Bacteriology and Mycology.*
 MARY A. POSTON, *Assistant in Bacteriology.*
 R. Z. QUERY, *Assistant in Medicine and Bacteriology.*

Bacteriology, Mycology, Immunology, and Parasitology. The required course is given in the Autumn Quarter of the second year. An intensive study is made of the common bacteria, fungi, and parasites which cause disease in man. The scope of the laboratory course is reasonably wide and acquaints the student with all the methods and procedures employed in bacteriological laboratories. Most of the lecture time is devoted to the immunological and epidemiological aspects of infection. We are especially interested in the student's having a clear conception of: (1) how organisms gain entrance to the body, (2) the type of poisons which they produce, (3) the nature of immune bodies which are produced by the host, and (4) the methods of preventing the disease by active and passive immunization. *Research Bacteriology.* Opportunities for original investigations are afforded a few specially qualified students. *Clinical Bacteriology.* During their clinical clerkships on medicine (one quarter each for Junior and Senior classes), the students may perform the routine and special bacteriological work for the patients assigned to them on the teaching service, under the direction of the Department of Bacteriology and in parallel with the Biological Division of the medical clinics.

Medicine

FREDERIC M. HANES, *Florence McAlister Professor of Medicine.*
 D. T. SMITH, *Professor of Bacteriology and Associate Professor of Medicine.*
 R. S. CRISPELL, *Associate Professor of Medicine in Charge of Neuropsychiatry.*
 O. C. E. HANSEN-PRÜSS, *Assistant Professor of Medicine in Charge of Clinical Microscopy.*
 CHRISTOPHER JOHNSTON, *Assistant Professor of Medicine in Charge of Cardiology and Diseases of Metabolism.*
 J. M. RUFFIN, *Assistant Professor of Medicine in Charge of Physical Diagnosis.*
 W. H. KELLEY, *Associate in Medicine.*
 WALTER KEMPNER, *Associate in Medicine.*
 D. S. MARTIN, *Assistant Professor of Bacteriology and Associate in Medicine.*
 E. L. PERSONS, *Associate in Medicine and Dermatology.*
 MACDONALD DICK, *Associate in Medicine, Pharmacology and Physiology.*
 E. S. ORGAIN, *Associate in Medicine and Physiology.*
 SUSAN GOWER SMITH, *Associate in Medicine and Nutrition.*
 W. M. NICHOLSON, *Associate in Medicine and Biochemistry.*
 J. LAMAR CALLAWAY, *Instructor in Medicine, Dermatology, and Syphilology.*
 T. T. JONES, *Instructor in Medicine.*
 S. C. HALL, *Instructor in Medicine.*
 RAYMOND REISER, *Research Fellow in Medicine.*
 R. L. McMILLAN, *Resident, Instructor in Medicine.*

R. Z. QUERY, JR., *Assistant in Medicine and Bacteriology.*

R. E. STONE, *Assistant in Medicine.*

B. N. MILLER, *Assistant in Medicine.*

J. G. FEDER, *Assistant in Neuropsychiatry.*

M. J. LEPORE, *Assistant in Medicine.*

C. E. LEACH, *Assistant in Medicine.*

Clinical Microscopy is given in the Winter Quarter of the second year. The course includes the essentials of hematology and the examination of fresh material, such as urine, stools, spinal fluid, sputum, transudates and exudates. The most important parasites of man are studied by the use of fresh and museum material. Second-year and Senior students are given opportunities for special work and for investigation.

Physical Diagnosis and Introduction to Clinical Medicine. This course, in the Spring Quarter of the second year, consists of instruction in history taking, physical examination, and the application of the preclinical sciences to the interpretation of findings. All departments, preclinical and clinical, including the specialties, participate. The importance of co-operation between clinic and laboratory is emphasized, and the preclinical departments extend the teaching of their particular branches in correlation with other preclinical and clinical studies. In this manner the course serves as an introduction to clinical medicine. The class is divided into sections of not more than ten students, and each student is given individual instruction.

Junior Medicine. Junior students are assigned in small groups for one quarter to the medical wards as clinical clerks. Ward rounds are held from 8:30 to 9:30 A.M., on Mondays, Wednesdays, and Fridays. During the Autumn, Winter and Spring Quarters, medical clinics are given on Mondays, Wednesdays, and Saturdays at 11:30 A.M., and on Wednesdays, during the Summer Quarter.

Senior Medicine. Senior students are assigned for one quarter to the Dispensary as clinical clerks. Ward rounds are held from 9:30 to 11:30 A.M. on Mondays and Fridays. Seniors attend medical clinics on Mondays, Wednesdays, and Saturdays at 11:30 A.M.

Neuropsychiatry. Instruction is started in the second year with a course that covers psychobiology and general psychopathology, and which serves as a bridge between the student's work in academic psychology and clinical neuropsychiatry. This course is concerned with the modern conception of the personality, its neurophysiological basis, growth and development, and traits, normal and abnormal. The problems of intelligence, intelligence testing, and mental deficiency are discussed. The students are trained in neuropsychiatric method and examination, and they make a psychiatric or personality make-up examination upon themselves. Instruction in neuropsychiatry for Junior and Senior students is continued by weekly lecture-clinics during the Autumn, Winter, and Spring Quarters. In the Autumn Quarter the emphasis is on neurology; in the Winter and Spring Quarters the clinical study of psychiatry is developed.

Mental disorders in general are considered, and the major psychoses are specifically outlined. The didactic work in neuropsychiatry is supplemented by clinics and by the student's actual experience in handling such psychiatric problems as occur on the wards and in the Public Dispensary of the Hospital. The problems of the psychoneuroses, psychotherapy, and mental hygiene are emphasized.

In addition, clinics are held in the North Carolina State Hospital, Raleigh, N. C. This institution, with over two thousand patients, is co-operating splendidly with the School of Medicine. Special and elective work in psychiatry is offered to students who are especially interested. For this, not only the facilities above mentioned, but also those of the North Carolina Caswell Training School for the mentally deficient are available. Before graduation, it is sought to give the student a workable conception of the individual as a whole, the psychobiological unit, that may be applied in practice.

Surgery

DERYL HART, *Professor of Surgery.*

J. W. BEARD, *Assistant Professor of Experimental Surgery.*

C. E. GARDNER, JR., *Associate Professor of Surgery.*

R. R. JONES, JR., *Assistant Professor of Surgery.*

E. P. ALYEA, *Associate Professor of Surgery in Charge of Urology.*

W. B. ANDERSON, *Associate Professor of Surgery in Charge of Ophthalmology.*

W. W. EAGLE, *Associate Professor of Surgery in Charge of Otolaryngology.*

A. R. SHANDS, JR., *Associate Professor of Surgery, in charge of Orthopedics.*

HAROLD FINKELSTEIN, *Associate in Surgery.*

G. W. JOYNER, *Instructor in Surgery.*

P. W. SANGER, *Instructor in Surgery.*

E. C. HOLSCHER, *Instructor in Orthopedics.*

J. E. JACOBS, *Instructor in Orthopedics.*

R. B. RANEY, *Instructor in Orthopedics.*

W. E. DANIEL, *Instructor in Urology.*

GEORGE HEINITSH, *Instructor in Otolaryngology and Ophthalmology.*

T. W. ATWOOD, *Associate in Dentistry.*

J. W. DEVINE, JR., *Assistant in Surgery.*

R. V. FLETCHER, *Assistant in Surgery.*

L. C. ROBERTS, *Assistant in Surgery.*

H. M. SCHIEBEL, *Assistant in Surgery.*

S. E. UPCHURCH, *Assistant in Surgery.*

G. E. STAYER, *Assistant in Otolaryngology.*

General Surgery. In the Spring Quarter the second-year students, during their course in physical diagnosis, attend clinics and demonstrations arranged to familiarize them with the technique of examinations and the diagnostic procedures used in general surgery and the surgical specialties. Emphasis is placed on the more practical and commonly used methods.

During the Autumn, Winter, Spring and Summer Quarters, at 11:30 A.M. on Tuesdays and Fridays, and during the Autumn, Winter and Spring Quarters at 9:30 A.M. on Saturdays, clinics in surgery and the surgical specialties are held for Junior and Senior students. The *Junior* students, during their surgical quarter, attend ward rounds in surgery from

8:30 to 10:30 A.M., on Mondays, Wednesdays, and Fridays, act as clinical clerks on the wards, avail themselves of the electives offered and attend the regular clinics. The surgical group in the *Senior* year attends ward rounds from 8:30 to 10:30 A.M. on Mondays, Wednesdays, and Fridays, the regular clinics and the electives offered, and assists in the surgical dispensary in the afternoons. Individuals may take any of the electives offered.

An *elective* course in operative surgery is given in the experimental laboratory during the Autumn and Spring Quarters. This course is scheduled from 8:30 to 11:30 A.M. on Tuesdays and Thursdays. The group is divided into operating teams, and each student takes his turn serving as the operator, first assistant, and anesthetist. During the Winter Quarter special work in experimental surgery may be arranged by conference with the instructor. The purpose of this course is to teach the basic principles of aseptic surgery as well as of anesthesia. Incidentally the student performs a number of operations illustrating various types of surgery, the operative procedures being of gradually increasing difficulty.

An *elective* course in emergency and traumatic surgery is given each quarter. In groups of two, each week, Junior or Senior students are on call in the emergency room for all accidents and emergencies. Opportunity is given to observe and assist in the treatment of accident cases and in the diagnosis of acute abdominal emergencies. Lectures, twice each week, during the Winter Quarter, supplement this course.

An *elective* course in anesthesia is open to four properly qualified senior students, each quarter. Students meet the anesthetist each morning in the operating room and observe and administer anesthetics under supervision.

Ophthalmological Division. During the Spring Quarter second-year students receive instruction in elementary ophthalmology. During the Junior obstetrical quarter the students are assigned to the ophthalmological clinic on Tuesday and Friday afternoons for five and one-half weeks, and assist in the study and treatment of eye diseases. Especial emphasis is placed on the underlying medical and surgical conditions. Each student follows throughout his time in the clinic all patients assigned to him. For those who manifest an unusual interest in this specialty, provision will be made for a more advanced work.

Orthopedic Division. In the Spring Quarter of the second year an introductory course in orthopedics is given. During their surgical quarter the Junior students attend ward rounds at 10:30 A.M. on Mondays. The Senior students in their surgical quarter also may attend these rounds. Clinics are held during the Autumn Quarter on Fridays at 11:30 A.M. for Juniors and Seniors. Students in their Senior surgical quarter are assigned in rotation to the orthopedic dispensary on Mondays, Wednesdays, and Friday afternoons. Special work may be arranged for students who wish. An *elective* course in orthopedic pathology is offered for one hour per week during the Winter Quarter for Juniors and Seniors.

Lectures on fractures are given during the Winter Quarter for Juniors and Seniors. Students are given the opportunity of attending the North Carolina Orthopedic Hospital Clinic at Goldsboro once a month, if they so desire.

Otolaryngological Division. An introductory course of instruction in the use of otolaryngological instruments, with a review of normal anatomy, is given to second-year students in the Spring Quarter. Clinics on Fridays at 11:30 A.M. during the Spring Quarter are given to Junior and Senior students. Junior students during their obstetrical quarter spend two afternoons for five and one-half weeks in the otolaryngological clinic. An *elective* course on the anatomy, physiology, and diseases of the ear, nose, and throat can be arranged for those desiring it.

Urological Division. In the Spring Quarter, second-year students are given a course of lectures and practical demonstrations in urological physical diagnosis in the normal individual. Ward rounds on urological patients are given every Saturday at 8:30 A.M., throughout the year, which Junior students in their surgical quarter, and the Senior surgical group are required to attend. During each quarter, small groups are selected from the Senior surgical group of students and assigned in rotation to the urological dispensary on Tuesday and Friday afternoons. Here, under proper supervision, they study patients and give recommended treatment. During one and a third quarters of the year urological lectures are given on Fridays at 11:30 A.M. for the Junior and Senior classes. These lectures deal with the affections of the male and female urinary tract and of the male genital tract. Clinics for urethroscopic and cystoscopic investigation and the more technical methods of urological diagnosis and treatment are held Wednesdays from 1:30 to 5:00 P.M. and Thursdays from 9:30 A.M. to 12:30 P.M., and from 1:00 to 5:00 P.M. throughout the year. X-ray conferences on all urological cases are held Tuesday, Thursday, and Saturday mornings from 8:30 to 9:30, and are followed by staff rounds. Three Senior students may select one of these clinics, x-ray conferences and staff rounds as an elective.

Dentistry. Second-year students, in the Spring Quarter, are instructed in the principles of dentistry.

Roentgenology

R. J. REEVES, *Associate Professor of Roentgenology.*

W. W. VAUGHAN, *Instructor in Roentgenology.*

E. K. HARRISON, *Instructor in Roentgenology.*

A course with especial reference to differential diagnosis and x-ray and radium therapy, is given to Senior students during the Senior surgical quarter.

Obstetrics and Gynecology

BAYARD CARTER, *Professor of Obstetrics and Gynecology.*

E. C. HAMBLIN, *Associate Professor of Obstetrics and Gynecology.*

R. A. ROSS, *Assistant Professor of Obstetrics and Gynecology.*

W. Z. BRADFORD, *Director, Charlotte Maternity Clinic.*

G. H. DERIEUX, *Instructor in Obstetrics and Gynecology.*

R. L. PEARSE, *Assistant in Obstetrics and Gynecology.*

G. D. SEITZ, *Assistant in Obstetrics and Gynecology.*

E. M. RUCKER, *Assistant in Obstetrics and Gynecology.*

Second-year students receive seventeen hours of instruction in the fundamentals of obstetrics and gynecology during their course in physical diagnosis in the Spring Quarter. Clinics and demonstrations for Junior and Senior students are held on Saturdays at 10:30 A.M. during the Autumn, Winter, and Spring Quarters, and on Mondays at 11:30 A.M. in the Summer Quarters. During one quarter of the *Junior* year each group of students attends ward rounds at 8:30 A.M. on Mondays, Wednesdays, and Saturdays, and the Public Dispensary at 1:30 P.M. daily, except Saturdays, Sundays, and holidays for eleven weeks. The students also spend part of each day on the wards. *Senior* students, during their surgical quarter, have ward rounds on obstetrics and gynecology on Saturdays at 8:30 A.M. Each *Senior* student, during his specialties quarter, is required to spend two weeks on service with the Outside Obstetrics Training Group at Charlotte, North Carolina. This group is active in the antepartum care, in the delivery of the patients, and in the postpartum care of patients registered by the Maternity Clinic of that city. The group is under the direction of a trained obstetrician.

Elective courses in the diagnosis and treatment of obstetric and gynecologic conditions are offered for Junior and Senior students.

Pediatrics

W. C. DAVISON, *Professor of Pediatrics.*

FRANK EARL STEVENSON, *Visiting Professor of Pediatrics.*

ANGUS MCBRYDE, *Assistant Professor of Pediatrics.*

*J. M. ARENA, *Associate in Pediatrics.*

A. H. LONDON, *Instructor in Pediatrics.*

D. J. PACHMAN, *Instructor in Pediatrics.*

J. S. HARRIS, *Instructor in Pediatrics and Biochemistry.*

MILDRED M. SHERWOOD, *Supervisor in Pediatric Nursing.*

Each *second-year* student receives nine hours of instruction in elementary pediatrics during the course in physical diagnosis in the Spring Quarter. *Junior* and *Senior* students, during their medical quarters, have pediatric ward rounds on Saturdays from 8:30 to 9:30 A.M. The *Senior* students are divided into three groups, each of which spends one quarter in pediatrics. During this quarter, they are assigned daily as clinical clerks on the children's ward, nursery and pediatric dispensary, attend ward rounds, at 9:30 A.M. on Mondays, Wednesdays, and Fridays, are instructed in the practical nursing of infants by Miss Sherwood on Fridays at 10:30 A.M., assist in the treatment of the pediatric patients in the syphilis clinic on Thursdays at 7 P.M., and are taught the preparation of diets for infants and children by the Professor of Dietetics. Each student attends six infant feeding clinics during this quarter. On

* On leave 1936-37.

Thursdays at 11:30 A.M., the Junior and Senior students attend demonstrations at which the preclinical basis, as well as the clinical aspects, of disease are emphasized. *Elective courses:* Senior students may attend the infant feeding clinic on Tuesdays at 10 A.M., do research work, or assist in pediatric ward or dispensary one or more mornings per week, according to the time at their disposal.

Legal Medicine and Toxicology

J. B. BRADWAY, *Professor of Law.*

T. D. BRYSON, *Professor of Law.*

W. D. FORBUS, *Professor of Pathology.*

A. R. SHANDS, JR., *Associate Professor of Surgery, in charge of Orthopedics.*

D. T. SMITH, *Professor of Bacteriology and Associate Professor of Medicine.*

H. M. TAYLOR, *Assistant Professor of Biochemistry and Toxicology.*

This course embraces a discussion of the relation of physicians to legal criminal procedures; jurisdiction of the coroner and medical examiner; laws governing the dead human body; personal identity of the living and the dead; the legal autopsy; traumatic injuries and fractures; rape; abortion; asphyxial death; homicidal, suicidal, and industrial poisoning; alcoholism; the examination of blood, stains, fibers, and the detection of malingering. The course is open to students in the seventh to twelfth quarters and is given in alternate years. Given in 1936-37. Discussions of medico-legal problems for the House Staff and Senior students, and joint conferences of the medical and law students also are held.

Preventive Medicine and Public Health

BAYARD CARTER, *Professor of Obstetrics and Gynecology.*

W. C. DAVISON, *Professor of Pediatrics.*

J. H. EPPERSON, *Health Officer, Durham City and County.*

ANGUS MCBRYDE, *Assistant Professor of Pediatrics.*

A. R. SHANDS, JR., *Associate Professor of Surgery in Charge of Orthopedics.*

D. T. SMITH, *Professor of Bacteriology and Associate Professor of Medicine.*

H. M. TAYLOR, *Assistant Professor of Biochemistry and Toxicology.*

A Lecture Course includes instruction in the epidemiology and control of communicable diseases; maternal, infant and child hygiene; the collection of vital statistics and the function of federal, state, and local public health organizations. *A Field Course*, through the co-operation of Mr. G. Watts Hill, Mr. V. C. Ashbaugh, Mr. W. M. Piatt, and Capt. J. C. Michie, comprises instruction in and demonstration of principles and methods of milk control, ventilation, disinfection, fumigation, sewage disposal, and water supply. These courses are open to students in their seventh to twelfth quarters and are given in alternate years. To be given in 1937-38. *A Laboratory Course* is given in the Autumn Quarter of the second year by the Department of Bacteriology, and consists of the identification and virulence testing of diphtheria cultures, the isolation of stool, throat and blood organisms, the practical examination of water, Schick, Dick and tuberculin tests, and vaccination against typhoid and

smallpox. *Elective:* Through the co-operation of several city and county health officers, students may spend one or more weeks in observing and assisting in the operation of these public health units.

CURRICULUM OF THE SCHOOL OF MEDICINE

The usual four medical school years of thirty-three weeks each may be condensed into three and one quarter calendar years. In the preclinical subjects three terms and in the clinical subjects four terms, each of eleven weeks, are given during the year, and a certificate is granted after the satisfactory completion of twelve terms. These may be taken consecutively (certificate in three and one quarter years) if the student's previous work has been outstanding and if he has been given permission by the Curriculum Committee; or three terms may be taken each year (certificate in four years). Such a curriculum will affect in no way the course at any other medical school. If students who have received their first two years of training at other medical schools wish to spend their clinical years at the Duke University School of Medicine, they are eligible in October for the seventh quarter, which corresponds to the beginning of the usual Junior Class (see page 25).

Every effort is made to emphasize the close relationship of preclinical and clinical instruction. Members of the Clinical Staff assist in the teaching of preclinical subjects and demonstrate, to the students of the first two years, patients whose conditions illustrate the subjects being taught. Thus, from the student's first days, he is impressed with the interdependence of all branches of the medical science. During the sixth quarter every department of the School participates in a correlation course, which, combined with the teaching of physical diagnosis, serves to give the student just entering his clinical years a co-ordinated introduction to medicine in all its aspects. From the seventh to twelfth quarters, preclinical instructors assist the Clinical Staff in presenting the underlying basis of disease.

Nineteen per cent of the time in this curriculum is free for elective work or anything else which the student wishes to do. No credits are given for specific courses during this free time. The opportunity merely is provided for each student, on his own initiative, to obtain the additional training which he may feel to be necessary or desirable. It is hoped that many of the students will migrate to other medical schools in this country or abroad for one quarter, a practice which is encouraged. The students also may utilize their free time in elective courses in preclinical and clinical departments and may pursue independent work in any subject or may do research work. The elective courses have been organized for small groups and will be repeated, if necessary, in one or more quarters. Students who wish to study during the Summer Quarter, either here or elsewhere, to spend one or more quarters at other medical schools or to substitute a program different from that listed below, must obtain permission, in advance, from the Curriculum Committee.

CURRICULUM OF FOUR QUARTERS OF ELEVEN WEEKS EACH

(The hours for these courses will be posted on the bulletin board.)

FIRST YEAR**AUTUMN QUARTER (1st) :**

September 30 to December 18, 1937.

Anatomy (including histology and neuro-anatomy)	385 Hours
Biochemistry	18 Hours
Free time	26 Hours

WINTER QUARTER (2d) :

January 4 to March 20, 1937.

Anatomy (including histology and neuro-anatomy)	165 Hours
Biochemistry	176 Hours
Free time	88 Hours

SPRING QUARTER (3d) :

March 30 to June 12, 1937.

Physiology and pharmacology, including nutrition	330 Hours
Free time	99 Hours

SECOND YEAR**AUTUMN QUARTER (4th) :**

September 30 to December 18, 1937.

Pathology	198 Hours
Bacteriology	150 Hours
Introduction to Psychiatry	11 Hours
Free time	70 Hours

WINTER QUARTER (5th) :

January 4 to March 20, 1937.

Pathology	198 Hours
Clinical microscopy	110 Hours
Free time	121 Hours

SPRING QUARTER (6th) :

March 30 to June 12, 1937.

Physical diagnosis and introduction to clinical medicine	300 Hours
Free time	129 Hours

JUNIOR YEAR**SUMMER QUARTER (7th) :***

June 21 to September 4, 1937.

Medicine (Junior)	385 Hours
Free time	44 Hours

* The clinical instruction is repeated each quarter in order to utilize all the clinical material and to have small groups of students. Consequently, students may vary the order of the seventh, eighth, and ninth quarters, and also the order of the tenth, eleventh, and twelfth quarters. Students, who do not attend the Summer Quarters, have similar instruction one quarter later. The above schedule merely illustrates the program of one group.

AUTUMN QUARTER (8th) :*
September 30 to December 18, 1937.

Surgery (Junior)	418 Hours
Free time	11 Hours

WINTER QUARTER (9th) :*
January 4 to March 20, 1937.

Obstetrics and gynecology (Junior)	220 Hours
Ophthalmology and Otolaryngology	66 Hours
Free time	143 Hours

SENIOR YEAR

SPRING QUARTER (10th) :*
March 30 to June 12, 1937.

Medicine (Senior)	308 Hours
Free time	121 Hours

SUMMER QUARTER (11th) :*
June 21 to September 4, 1937.

Surgery (Senior) including Urology and Orthopedics	309 Hours
Obstetrics	120 Hours

AUTUMN QUARTER (12th) :*
September 30 to December 18, 1937.

Pediatrics	191 Hours
Medicine	83 Hours
Final clinical examinations	24 Hours
Free time	131 Hours

SUMMARY

Total number of hours required instruction, (81%)	4,165
Total number of hours of free time, (19%)	983
Total number of hours in curriculum, (100%)	5,148

* See footnote, p. 38.

FEES AND EXPENSES

All fees for each quarter are due and payable at the beginning of each quarter, and no student will be admitted to classes until these fees have been paid at the University Treasurer's Office. A fine of \$5.00 is charged for late registration. No credit will be given for any quarter in which the tuition of \$155 has not been paid at the Treasurer's Office, whether the work has been done here or elsewhere, except: (1) Students who have been given permission by the Curriculum Committee to spend a quarter at a European medical school or hospital will have their tuition of \$155 for that quarter remitted and (2) students who have been permitted by the Curriculum Committee to spend a quarter at another American medical school or hospital may subtract the amount of tuition paid at this other medical school or hospital from the \$155 due here for that quarter.

It is not advisable for a student to attempt outside work to defray his expenses; the results usually are disastrous to his health and academic standing.

Fees and Expenses

Tuition, per quarter	\$150
Health and accident policy, per quarter	6.66
Athletic fee, admitting students to all athletic contests held on the University grounds during the quarter	5
Room-rent, per quarter*	50
Board, per quarter	75
Laundry, per quarter	10 to 20
Books, per quarter	25 to 50
Commencement and diploma fees**	8
National Board of Medical Examiners fees** 25 (Part I), 20 (Part II)	
Microscope, ophthalmoscope, otoscope and other equipment, which are required of each student and which must conform to rigid standards, may be obtained on a rental basis from the University	20 to 30
Estimated total expenses, per month	100 to 150

ANGIER B. DUKE MEMORIAL AND OTHER LOAN FUNDS

The Angier B. Duke Memorial, Incorporated, administers through an advisory committee of the officers of the University a loan fund for students. In addition, the University administers other endowed loan funds for the benefit of students who are not financially able to meet their expenses. Medical students, after their third quarter, are eligible for loans from these sources. No scholarships are awarded in the School of Medicine. The loan funds are administered in accordance with the following regulations:

* A few rooms in the University dormitories may be available for medical students. These rooms are provided with furniture, heat, electric light, and care of rooms; each student furnishes his own blankets, sheets, pillow-slips, towels, and pillows. Meals may be had at the Union on the campus.

** Payable at the beginning of the quarter in which a student is eligible for a degree or examination.

1. No loan will be made to a student who violates any of the regulations of the University or who is not doing outstanding class work.

2. Loans will be made only to students who are taking full courses of study that lead to a degree, and all loans must be arranged not later than one week after the beginning of a quarter.

3. Every applicant for a loan must present with the application such security as the President of the University may approve, and no money will be advanced before a note with approved security is in the hands of the Treasurer of the University.

4. Interest at the rate of 6 per cent annually shall be charged for all loans of money, and the interest must be paid annually.

RESEARCH FELLOWSHIP

One research fellowship has been provided by the Lederle Laboratories.

LIST OF SCHOOL OF MEDICINE STUDENTS

FIRST-YEAR STUDENTS

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Norman LaRue Anderson..... <i>Duke University.</i>	Durham, N. C.....	2404 Club Boulevard, Durham, N. C.
Vernon Liles Andrews..... <i>Duke University.</i>	Mount Gilead, N. C.....	Duke University, House V.
Frederick Henry Andrus..... <i>Akron University; Duke University.</i>	Elizabeth, N. J.....	Duke University, House A.
Waldo Otis Badgley..... <i>General Motors Institute of Technology; Michigan State College.</i>	East Lansing, Mich.....	1207 N. Mangum St., Durham, N. C.
Fred Nelson Baeder..... <i>Duke University.</i>	Nutley, N. J.....	Duke University, House A.
Oliver Jerome Bateman, Jr..... <i>Duke University.</i>	Byron, Ga.....	Duke University, House D.
William Hegley Bonser..... <i>Yale University.</i>	Toledo, Ohio.....	905 Second St., Durham, N. C.
Ivan Willard Brown, Jr..... <i>University of Rochester.</i>	Newfane, N. Y.....	208 Buchanan Road, Durham, N. C.
R. Brown..... <i>Rollins College.</i>	Beatrice, Neb.....	1003 Monmouth Ave., Durham, N. C.
William Keefer Brumbach..... <i>Duke University.</i>	Belleville, N. J.....	Duke University, House I.
Robert vanLiew Campbell..... <i>University of Maryland.</i>	Hagerstown, Md.....	918 Urban Ave., Durham, N. C.
Sizer Chambliss..... <i>University of Chattanooga; Duke University.</i>	Chattanooga, Tenn.....	Duke University, House Q.
Cecil Curtis Collins, Jr..... <i>Marion Institute; Duke University.</i>	Jacksonville, Fla.....	Duke University, House C.
Victor Conforti..... <i>Connecticut State College.</i>	Torrington, Conn.....	208 Buchanan Road, Durham, N. C.
Harry Stough Etter..... <i>Duke University.</i>	Shippensburg, Pa.....	Duke University, House T.
Richard Webster Finner..... <i>University of Florida.</i>	Tallahassee, Fla.....	611 Watts St., Durham, N. C.
William Henry Fisher, Jr..... <i>Duke University.</i>	Centreville, Md.....	Duke University, House I.
Joseph B. Ford, Jr..... <i>Duke University.</i>	Savannah, Ga.....	Duke University, House I.
William Henry Fulmer..... <i>Duke University.</i>	Savannah, Ga...1506	Duke University Road, Durham, N. C.
James Orville Fulton..... <i>West Virginia Wesleyan College.</i>	Dunns Station, Pa....	208 Buchanan Road, Durham, N. C.
Julius Joyce Gibbons, Jr..... <i>Duke University.</i>	Wilson, N. C.....	Duke University, House A.
Stephen Arnold Ginn..... <i>Duke University.</i>	Royston, Ga.....	1200 College Road, Durham, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
David Watson Goddard.....	Portsmouth, Ohio.....	1103 N. Gregson St., Durham, N. C.
<i>Duke University.</i>		
Risley Frith Haines.....	Bayamo, Cuba.....	Duke University, House V.
<i>Duke University.</i>		
Leroy Day Harshman.....	Fredericktown, Pa.....	1801 Lakewood Ave., Durham, N. C.
<i>Waynesburg College.</i>		
Willis Wilbur Harris.....	Bee Ridge, Fla.....	611 Watts St., Durham, N. C.
<i>University of Florida.</i>		
Cecil Jennings Hawes.....	Conway, S. C.....	1506 Duke University Road, Durham, N. C.
<i>Wofford College.</i>		
William Carter Hawkins.....	West Asheville, N. C.....	1004 Minerva Ave., Durham, N. C.
<i>Mars Hill College;</i>		
<i>Duke University.</i>		
Joseph Spurgeon Hiatt, Jr.....	Lenoir, N. C.....	Duke University, House A.
<i>Lenoir Rhyne College;</i>		
<i>Duke University.</i>		
Rolf Elmo Johnson.....	Harrisburg, Pa.....	307 Gregson St., Durham, N. C.
<i>Duke University.</i>		
James Woodruff Kelley.....	Wilmington, Del.....	1000 Lamond Ave., Durham, N. C.
<i>University of Delaware.</i>		
George Harold Kostant.....	Brooklyn, N. Y.....	1008½ Gloria Ave., Durham, N. C.
<i>Johns Hopkins University.</i>		
Harold Hunter Kuhn.....	Charleston, W. Va.....	Duke University, House A.
<i>Duke University.</i>		
Tarcila Laperal.....	Manila, P. I.....	308 Faculty Apartments, Durham, N. C.
<i>University of Philippines;</i>		
<i>University of Santo Tomas;</i>		
<i>Rollins College.</i>		
Jessica Helen Lewis.....	Baltimore, Md.....	215 Faculty Apartments, Durham, N. C.
<i>Duke University.</i>		
Stanley Joseph Lourdeaux.....	San Francisco, Calif.....	Duke University, Epworth.
<i>Santa Clara University;</i>		
<i>Menlo Junior College;</i>		
<i>Stanford University.</i>		
Paul Franklin Maness.....	Yanceyville, N. C.....	Duke University, House I.
<i>Wofford College;</i>		
<i>Duke University.</i>		
George Margolis.....	Montgomery, W. Va...1022 W.	Trinity Ave., Durham, N. C.
<i>Johns Hopkins University.</i>		
Lester Henry Margolis.....	Montgomery, W. Va...1022 W.	Trinity Ave., Durham, N. C.
<i>Johns Hopkins University.</i>		
Michael George Herschell		
McPharlin	Belmont, Mass.....	2138 Myrtle Drive, Duke University Campus.
<i>Bowdoin College;</i>		
<i>Duke University;</i>		
<i>University of Heidelberg.</i>		
Robert Plato Miller.....	Lincolnton, N. C.....	Duke University, House A.
<i>Duke University.</i>		
Wardell Hardee Mills.....	Greenville, N. C.....	Duke University, House B.
<i>East Carolina Teachers College;</i>		
<i>University of North Carolina.</i>		
John Edward Moss.....	Mobile, Ala.....	Duke University, House A.
<i>Duke University.</i>		
Elliot Rector Motley, Jr.....	Charlotte, N. C.....	Duke University, House B.
<i>Davidson College;</i>		
<i>University of North Carolina.</i>		

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Douglas Stephen Nisbet..... <i>University of Pennsylvania;</i> <i>Duke University.</i>	Philadelphia, Pa.....	Duke University, Epworth.
Robert Read Nixon..... <i>University of Texas;</i> <i>St. Mary's University of San Antonio.</i>	San Antonio, Texas.....	Duke University, House A.
Joseph Freeman Paquet..... <i>University of Oregon;</i> <i>University of Idaho;</i> <i>Duke University.</i>	Portland, Oregon.....	Duke University, House A.
Pierre Patillo Poole..... <i>John B. Stetson University.</i>	Cross Anchor, S. C....	1506 Duke Univ. Road, Durham, N. C.
Rufus Winston Roberts..... <i>Duke University.</i>	Birmingham, Ala.....	Duke University, Southgate.
Robert Thornton Rutherford, Jr.. <i>Duke University.</i>	Charlotte, N. C.....	Duke University, House B.
David Najeeb Saleeby..... <i>Wingate Junior College;</i> <i>Duke University.</i>	Monroe, N. C.....	Duke University, House C.
Clarence Joseph Sapp..... <i>Duke University.</i>	Albany, Ga.....	Duke University, House I.
Richard Allen Shields, Jr..... <i>Duke University.</i>	Lewes, Del.....	Duke University, House C.
Patti Marie Sills..... <i>Duke University.</i>	Nashville, N. C.....	706 Buchanan Road, Durham, N. C.
Paul Ervin Simpson..... <i>Muhlenberg College;</i> <i>Duke University.</i>	Ridgewood, N. J.....	307 Gregson St., Durham, N. C.
George Arthur Sotirion..... <i>Johns Hopkins University.</i>	Nashua, N. H.....	406 Buchanan Road, Durham, N. C.
Ross Clarence Speir, Jr..... <i>Duke University.</i>	Birmingham, Ala.....	Duke University, Southgate.
Willie Cashwell Spence, Jr..... <i>Wake Forest College;</i> <i>Duke University.</i>	Goldsboro, N. C.....	808 Yancey St. Durham, N. C.
Howard Paul Steiger..... <i>Bucknell University;</i> <i>Duke University.</i>	Williamsport, Pa.....	Duke University, House C.
Harvey Grant Taylor..... <i>San Jose State College;</i> <i>Stanford University.</i>	Los Angeles, Calif.....	Duke University, Southgate.
James Lyman Tullis..... <i>Rollins College.</i>	Cleveland, Ohio.....	1013 Monmouth Ave., Durham, N. C.
James Arthur Tupper..... <i>University of Washington.</i>	Seattle, Wash.....	1010 Markham Ave., Durham, N. C.
William Lucas Venning, Jr..... <i>Duke University;</i> <i>Harvard.</i>	Greensboro, N. C....	2121 W. Pettigrew St., Durham, N. C.
Robert Eugene Walsh..... <i>Duke University.</i>	Elmira, N. Y.....	Duke University, House CC.
Jack Hamill Welch..... <i>Ohio State University.</i>	Columbus, Ohio.....	603 Watts St., Durham, N. C.
Ethel Adele Weyant..... <i>Adelphia College;</i> <i>Duke University.</i>	Long Island, N. Y....	150 Pinecrest Road, Durham, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Richard Bidgood Whitaker, Jr. <i>Duke University.</i>	Whiteville, N. C.	1200 College Road, Durham, N. C.
Robert Macon Whitley, Jr. <i>Louisburg College; Duke University.</i>	Stantonsburg, N. C.	Duke University, House A.
Robert Cary Wood <i>Duke University.</i>	Lewisburg, W. Va.	812 Anderson St., Durham, N. C.
William Egleston Woodruff <i>Duke University.</i>	Winston-Salem, N. C.	Mrs. Robinson's residence, Duke University, East Campus.

SECOND-YEAR STUDENTS

Felix M. Adams, Jr. <i>Oklahoma A. and M. College.</i>	Vinita, Okla.	Duke University, House B.
Paul Rex Beach <i>Virginia Polytechnic Institute.</i>	War, West Va.	Duke University, House A.
Robert Martin Biddle <i>Northwestern University; Duke University.</i>	Parkersburg, West Va.	1006 Dacian Ave., Durham, N. C.
Kenneth Morton Bremer <i>Hamilton College; Columbia University.</i>	Maplewood, N. J.	1515 W. Pettigrew St., Durham, N. C.
Charles Pardue Bunch <i>Duke University.</i>	Statesville, N. C.	2102 Erwin Road, Durham, N. C.
James Merryman Burk <i>University of Indiana.</i>	Decatur, Ind.	916 Markham Ave., Durham, N. C.
Gordon Gayton Carmichael <i>Rose Polytechnic; Indiana State University.</i>	Terre Haute, Ind.	112 Buchanan Road, Durham, N. C.
David Cayer <i>Duke University.</i>	Elizabeth, N. J.	916 Markham Ave. Durham, N. C.
Orville Merton Chickering <i>Albion College.</i>	Albion, Mich.	Duke University, House C.
Frank Harold Crosby <i>University of Illinois.</i>	Champaign, Ill.	Duke University, House A.
John Munroe Douglas <i>Davidson College.</i>	Davidson, N. C.	402 Watts St., Durham, N. C.
Jere Robert Downing <i>Duke University; University of New Hampshire.</i>	Kennebunk, Maine	Aycock Apts., Durham, N. C.
Ernest Brindley Dunlap, Jr. <i>Duke University.</i>	Lawton, Okla.	1006 Dacian Ave., Durham, N. C.
Archie Yelverton Eagles <i>Duke University.</i>	Wilson, N. C.	Medical School.
William Fox Eckbert <i>University of Delaware.</i>	Hanover, Pa.	208 Buchanan Road, Durham, N. C.
Arnold Lewis Field <i>Johns Hopkins University.</i>	Schenectady, N. Y.	208 Buchanan Road, Durham, N. C.
William Victor Haymond <i>University of Utah.</i>	Garfield, Utah.	208 Buchanan Road, Durham, N. C.
Curtis Carrington Heames <i>Capital University.</i>	Youngstown, Ohio	Duke University, House A.
Harold Barker Kernodle <i>Duke University.</i>	Elon College, N. C.	Duke University, House A.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
John Robert Kernodle..... <i>Elon College.</i>	Burlington, N. C.....	214 Hargrove St., Durham, N. C.
Robert Dumais Kornegay..... <i>Davidson College.</i>	Rocky Mount, N. C.....	Duke University, House B.
Charles Larsen, Jr..... <i>University of Florida.</i>	Lakeland, Fla.....	208 Buchanan Road, Durham, N. C.
Charles Wells Latchem..... <i>St. Ambrose College; Duke University.</i>	Washington, Iowa.....	Watts St., Durham, N. C.
Robert Carl Lincome..... <i>Marietta College.</i>	Marietta, Ohio.....	1302 Broad St., Durham, N. C.
Paul Warren Lucas..... <i>Duke University.</i>	Durham, N. C.....	100 Club Boulevard, Durham, N. C.
Theodore Roosevelt Mattocks.... <i>Duke University.</i>	Maysville, N. C.....	Duke University, House P.
William Jefferson McAnally, Jr..... <i>Duke University.</i>	High Point, N. C.....	Medical School.
Harold Ellis Merkle..... <i>Brigham Young University.</i>	Salt Lake City, Utah.....	809 Second St., Durham, N. C.
Francis Poynter Meyer, Jr..... <i>St. Petersburg Junior College; Duke University.</i>	St. Petersburg, Fla.....	Duke University, House A.
Henry Mason Morfit..... <i>Johns Hopkins University.</i>	Baltimore, Md.....	208 Buchanan Road, Durham, N. C.
Rufus Clegg Morrow, Jr..... <i>Davidson College.</i>	Zitacuaro, Michoacan, Mexico	2102 Erwin Road, Durham, N. C.
Lyle Alfred Moser..... <i>Muhlenberg College; Lebanon Valley College.</i>	Muir, Pa.....	Duke University, House B.
Colin Alexander Munroe..... <i>Davidson College.</i>	Charlotte, N. C.....	Duke University, House B.
Henry Ten Eycke Munson..... <i>Wayne University; Duke University.</i>	Detroit, Mich.....	1026 Trinity Ave., Durham, N. C.
Brodie Crump Nalle, Jr..... <i>University of North Carolina.</i>	Charlotte, N. C.....	Duke University, House C.
Glenn Carraway Newman..... <i>Lehigh University; Wake Forest College.</i>	Clinton, N. C.....	Medical School.
Robert H. Nickau..... <i>North Carolina State College.</i>	Rahway, N. J.....	208 Buchanan Road, Durham, N. C.
Pat Ireland Nixon, Jr..... <i>University of Texas.</i>	San Antonio, Texas.....	Duke University, House A.
Gilbert Matthewson Palen..... <i>Hamilton College.</i>	Woodbury, N. J.....	208 Buchanan Road, Durham, N. C.
Albert Archer Parrish..... <i>Duke University.</i>	Tabor City, N. C.....	Duke University, Epworth.
Lawrence Augustus Pyle, Jr..... <i>University of Maryland; George Washington University.</i>	Washington, D. C.....	208 Buchanan Road, Durham, N. C.
William J. Rysanek, Jr..... <i>Johns Hopkins University.</i>	Baltimore, Md.....	Erwin Apts., Durham, N. C.
Logan Everette Sawyer..... <i>Duke University.</i>	South Mills, N. C.....	Duke University, House A.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Paul Welstead Schanher, Jr..... <i>Duke University.</i>	Mt. Clemens, Mich.....	Duke University, House A.
Thomas Gilbert Schnoor..... <i>University of California; University of Nevada.</i>	San Francisco, Cal...1503 W.	Pettigrew St. Durham, N. C.
Robert Cathcart Smith..... <i>The Citadel.</i>	Mullins, S. C.....	1515 W. Pettigrew St., Durham, N. C.
Sidney Stark..... <i>New York University.</i>	Brooklyn, N. Y.....	Duke University, House B.
Wray Donald Storey..... <i>Geneva College.</i>	Scottdale, Penna.....	Duke University, House B.
Lucien Martin Strawn..... <i>West Virginia University; Duke University.</i>	Morganton, W. Va.....c/o Mrs. Roberson,	East Campus.
Doris Lee Surlles..... <i>Duke University.</i>	Dunn, N. C.....	706 Buchanan Road, Durham, N. C.
Joseph Dimmick Thetford..... <i>Tulane University; University of Alabama.</i>	Montgomery, Ala.....	Duke University, House B.
John Redden Timmons..... <i>University of South Carolina; Duke University.</i>	Columbia, S. C.....	1506 Duke Univ. Drive, Durham, N. C.
William Trachtenberg..... <i>University of North Carolina; Harvard College.</i>	Winston-Salem, N. C.....	Duke University, House C.
Larry Turner..... <i>Duke University.</i>	Rocky Mount, N. C.....	Duke University, House B.
Joseph Allison Cannon Wadsworth, II..... <i>Davidson College.</i>	Durham, N. C.....	410 Buchanan Road, Durham, N. C.
Frederic Monroe Jacob Walp.... <i>University of Pennsylvania; Muhlenberg College.</i>	Slatington, Pa.....	Duke University, House C.
George Archibald Watson, Jr.... <i>Lehigh University; New York University; Duke University.</i>	Cranford, N. J.....	University Drive, Durham, N. C.
Roderick Cameron Webb..... <i>St. Petersburg Junior College; Duke University.</i>	St. Petersburg, Fla.....	Duke University, House B.
Kenneth Durham Weeks..... <i>Davidson College.</i>	Rocky Mount, N. C.....	Duke University, House B.
Irving Bernard Wexler..... <i>New York University.</i>	New York City.....	Duke University, House B.
Reaves Augustus Wilson..... <i>University of Florida.</i>	Sarasota, Fla.....	Duke Hospital.

JUNIOR-SENIOR STUDENTS

Raymond DeLacey Adams (11/30/36)*.....	Portland, Oregon.....	Duke Hospital. <i>University of Oregon.</i>
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* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Trogler Francis Adkins (12/19/36)..... <i>University of North Carolina.</i>	Durham, N. C.....	2101 Club Blvd., Durham, N. C.
Francis William Alter, Jr. (6/7/37)..... <i>Yale College.</i>	Toledo, Ohio.....	905 Second St., Durham, N. C.
Robert Leonhardt Alter (9/4/37)..... <i>Dartmouth College; Toledo University; Ohio State University.</i>	Toledo, Ohio.....	905 Second St., Durham, N. C.
Gordon Joseph Axelson (3/20/37)..... <i>University of Virginia.</i>	Chicago, Ill.....	1212 Broad St., Durham, N. C.
Maynard Backer Badanes (9/5/36)..... <i>Johns Hopkins University.</i>	Flushing, N. Y.....	Sydenham Hospital, New York, N. Y.
George James Baer (9/4/37)..... <i>Duke University.</i>	Harrisburg, Pa.....	Duke University, House A.
Elizabeth Mary Balas..... <i>University of Pittsburgh.</i>	McKeesport, Pa.....	1011 Dacian Ave., Durham, N. C.
Sherwood W. Barefoot..... <i>University of North Carolina, medical student, ibid., 1934-1936.</i>	Benson, N. C.....	903 Markham Ave., Durham, N. C.
George Jay Baylin (3/20/37)..... <i>Johns Hopkins University.</i>	Baltimore, Md.....	Erwin Apts., Durham, N. C.
Courtland Dixon Berry..... <i>Wesleyan University.</i>	Rahway, N. J.....	Duke University, House A.
William Kirkman Billingsley, Jr..... <i>George Washington University.</i>	Washington, D. C.....	Duke University, House A.
Bradford Bissell (12/19/36)..... <i>Cornell University; University of North Carolina.</i>	New York, N. Y.....	The French Hospital, New York City.
James Riley Black, Jr..... <i>Duke University.</i>	Bamberg, S. C.....	1200 College Road, Durham, N. C.
George McClintock Bogardus..... <i>University of Washington.</i>	Kalispell, Mont.....	Duke University, House W.
John Walter Brandt..... <i>George Washington University; Pennsylvania State College.</i>	Crafton, Pittsburgh, Pa.	1601 Duke University Road, Durham, N. C.
Walter Earl Brown..... <i>University of North Carolina; medical student, ibid., 1934-1936.</i>	Wilson, N. C.....	903 Markham Ave., Durham, N. C.
Julius Caesar Burge, Jr. (6/7/37)..... <i>The Citadel.</i>	York, S. C.....	Duke University, House A.
Margaret Virginia Burns..... <i>Duke University.</i>	Asheville, N. C.....	Duke University, Aycock.

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
C. Willard Camalier, Jr. (12/21/37)..... <i>George Washington University.</i>	Washington, D. C.....	Duke University, House A.
Richard Rutledge Carter..... <i>University of Oregon.</i>	Portland, Oregon.....	Duke University, House A.
James Madison Covington, Jr.... <i>Davidson College.</i>	Wadesboro, N. C.....	Duke Hospital.
John Hulon Cox..... <i>University of North Carolina; medical student, ibid., 1934-1936.</i>	Harmony, N. C.....	903 Markham Ave., Durham, N. C.
Lester Cain Crismon..... <i>University of Utah; medical student, ibid., 1934-1936.</i>	Salt Lake City, Utah.	1700 Duke Univ. Road, Durham, N. C.
Almon Rufus Cross..... <i>University of New Hampshire; medical student, ibid., 1934-1936.</i>	Colebrook, N. H.....	810 Second St., Durham, N. C.
James Hawley Currens..... <i>Western Illinois State Teachers College; University of Michigan.</i>	Macomb, Ill.....	Duke University, House A.
Harry Leonard Dein (3/20/37)..... <i>Duke University.</i>	Atlantic City, N. J.....	500 Watts St., Durham, N. C.
William Franklin Drummond (3/20/37)..... <i>University of Alabama; medical student, ibid., 1933-1935.</i>	Bonifray, Fla.....	1004 Shepherd St., Durham, N. C.
Charles Ross Duncan (6/7/37)..... <i>Wake Forest College; medical student, ibid., 1931-1933.</i>	Clayton, N. C.....	1703 C St., Durham, N. C.
David Hudson Fogel..... <i>New York University; University of Virginia.</i>	Brooklyn, N. Y.....	808 Third St., Durham, N. C.
Robert Carson Fugate (3/30/37)..... <i>Washington and Lee University; Emory and Henry College; Duke University.</i>	Roanoke, Va.....	1511 W. Pettigrew St., Durham, N. C.
Atticus James Gill..... <i>Duke University.</i>	Dallas, Texas.....	Duke University, House B.
Dan Cummins Gill..... <i>Virginia Military Institute; Oklahoma University.</i>	Okmulgee, Okla.....	Duke University, House B.
William Henry Glass (6/7/37)..... <i>Furman University.</i>	Brooklyn, N. Y.....	1022 W. Trinity Ave., Durham, N. C.
Thomas Alphonse Gonder, Jr. (6/7/37)..... <i>University of Maryland; West Virginia University.</i>	Oakland, Md.....	Duke University, House B.
Aubrey Crafton Gose (6/7/37)..... <i>Emory and Henry College.</i>	Castlewood, Va.....	Erwin Apts., Durham, N. C.

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Cyrus Leighton Gray, Jr. (6/7/37)..... <i>High Point College.</i>	High Point, N. C.....	Duke University, House A.
William Reid Haas..... <i>University of Minnesota; Carleton College; University of Wisconsin.</i>	Minneapolis, Minn.....	1202 N. Gregson St., Durham, N. C.
Charles Edgar Haines, Jr. (6/7/37)..... <i>Rutgers University; Duke University.</i>	Vincentown, N. J.....	Forest Hill Road, Durham, N. C.
Collins Fremont Hall..... <i>Gettysburg College.</i>	Williamsport, Pa.....	Duke University, House A.
Harold Ira Harvey (6/7/37)..... <i>Harvard College.</i>	Providence, R. I.....	Duke University, House B.
Walter Darlington Hastings, Jr..... <i>Duke University.</i>	Columbia, Tenn.....	1011 Oakland Ave., Durham, N. C.
Alfred Faxon Henderson (6/7/37)..... <i>Joliet Junior College; Duke University.</i>	Joliet, Ill.....	Duke University.
Marvin S. Herrington (3/20/37)..... <i>Duke University.</i>	Norfolk, Va.....	Duke Hospital.
Harry Stuart Hickman..... <i>Duke University.</i>	Hudson, N. C.....	508 Buchanan Road, Durham, N. C.
William Fredwin Hollister..... <i>University of California.</i>	Santa Monica, Calif.....	905 Second St., Durham, N. C.
Harold MacLachlan Horack (3/20/37)..... <i>Duke University.</i>	Durham, N. C.....	Myrtle Drive, Durham, N. C.
Newton Hornick (6/7/37)..... <i>Catawba College.</i>	Brooklyn, N. Y.....	Duke University, House A.
Joe McKinney Ivie..... <i>Duke University.</i>	Leaksville, N. C.....	1013 Monmouth Ave., Durham, N. C.
Arthur Harvey Joistad (12/21/37)..... <i>University of Minnesota; University of North Dakota; medical student, ibid., 1933-1935.</i>	Fargo, N. D.....	Myrtle Drive, Durham, N. C.
William Henry Kaufman (9/4/37)..... <i>Johns Hopkins University.</i>	Timonium, Md.....	Duke University, House A.
Jeremiah Wolfe Kerner (9/5/36)..... <i>University of Georgia.</i>	Jersey City, N. J.....	Los Angeles Co. Hosp., Los Angeles, Calif.
Thomas DeArman Kinney (9/5/36)..... <i>University of Pennsylvania.</i>	Allentown, Pa.....	Johns Hopkins Hospital, Baltimore, Md.

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Jerome Lawrence (12/21/37).....	New York, N. Y.....	Medical School. <i>New York University.</i>
Albert Francis Lee (6/7/37).....	Tacoma, Wash.....	Duke University, <i>University of Washington;</i> <i>College of Puget Sound.</i> House A.
Lyndon Edmund Lee, Jr. (12/21/37).....	Mount Vernon, N. Y...608 Buchanan Road, <i>University of Virginia;</i> <i>Columbia University.</i>	Durham, N. C.
William Arthur Leff (12/19/36).....	Newark, N. J.....	500 Watts St., <i>Franklin and Marshall College.</i> Durham, N. C.
Joseph Michael Lesko (12/21/37).....	Bridgeport, Conn.....	Duke University, <i>University of Michigan.</i> House B.
Thomas Norwood Lide (12/21/37).....	Anderson, S. C.....	1013 Monmouth Ave., <i>Clemson College.</i> Durham, N. C.
Durward Lee Lovell (12/19/36).....	Eden, Ala.....	Duke Hospital. <i>Birmingham-Southern College;</i> <i>medical student, University of Alabama, 1929-1931.</i>
William Alexander MacColl (12/21/37).....	Northampton, Mass.....	2110 Wilson St., <i>Amherst College;</i> <i>Massachusetts State Graduate School.</i> Durham, N. C.
Anthony Ralph Marsicano (12/19/36).....	Brooklyn, N. Y.....	1022 W. Trinity Ave., <i>Long Island University.</i> Durham, N. C.
David William Martin (6/7/37).....	Palm Beach, Fla.....	Medical School. <i>Duke University.</i>
James Risto Martin (3/20/37).....	Anniston, Ala.....	Erwin Apts., <i>Vanderbilt University;</i> <i>University of Alabama;</i> <i>medical student, ibid., 1933-1935.</i> Durham, N. C.
Hugh Alexander McAllister (6/7/37).....	Lumberton, N. C.....	Erwin Apts., <i>Davidson College;</i> <i>University of North Carolina;</i> <i>medical student, ibid., 1933-1935.</i> Durham, N. C.
Joseph Pickett McCracken (9/4/37).....	Durham, N. C.....	907 Mangum St., <i>Duke University.</i> Durham, N. C.
Philip Joseph McNamara (9/5/36).....	Fitchburg, Mass...Georgetown Univ. Hosp., <i>Holy Cross College;</i> <i>Georgetown University;</i> <i>medical student, ibid., 1927-1931.</i> Washington, D. C.	

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Frank Richardson Moore (6/7/37)..... <i>Duke University.</i>	Durham, N. C.....	1719 Roxboro Road, Durham, N. C.
Arch Sherrod Morrow (12/19/36)..... <i>Davidson College.</i>	High Point, N. C.	Church Home & Infirmary, Baltimore, Md.
Henry George Morton (12/21/37)..... <i>Duke University.</i>	Sarasota, Fla.....	Duke University, House A.
Vince Moseley (12/19/36)..... <i>Clemson College; Duke University.</i>	Orangeburg, S. C.....	N. C. Sanatorium, Sanatorium, N. C.
Philip Naumoff (6/7/37)..... <i>University of Pittsburgh.</i>	Pittsburgh, Pa.....	608 Buchanan Road, Durham, N. C.
Walter Relfe Newbern (6/7/37)..... <i>Duke University.</i>	Durham, N. C.....	2100 Erwin Road, Durham, N. C.
Richard Elwood Nitschke (6/7/37)..... <i>Duke University.</i>	Rye, N. Y.....	1515 W. Pettigrew St., Durham, N. C.
Carlton Lee Ould (3/20/37)..... <i>Roanoke College; Duke University.</i>	Roanoke, Va.....	1202 Gregson St., Durham, N. C.
Archibald Hanes Pate (6/7/37)..... <i>Duke University.</i>	Goldsboro, N. C.....	808 Yancey St., Durham, N. C.
James McGuire Peery..... <i>William and Mary College.</i>	North Tazewell, Va.....	1601 Duke Univ. Road, Durham, N. C.
R. Mel Perry..... <i>University of Washington.</i>	Pasco, Wash.....	Duke University, House B.
William Phillips (9/5/36)..... <i>Ohio State University.</i>	Cleveland Heights, O.....	Harper Hospital, Detroit, Mich.
Raymond Woodrow Postlethwait (3/20/37)..... <i>West Virginia University; medical student, ibid., 1933-1935.</i>	New Martinsville, W. Va...	1003 Dacian Ave., Durham, N. C.
William Flynn Powell (12/21/37)..... <i>Princeton University.</i>	Asheville, N. C.....	1403 Oakland Ave., Durham, N. C.
Leo Bernard Provinsky (12/19/36)..... <i>Grove City College.</i>	Brockway, Pa....	Martinsburg City Hospital, Martinsburg, W. Va.
James Sidney Raper..... <i>Duke University.</i>	Lexington, N. C.....	1013 Monmouth Ave., Durham, N. C.
Howard Lorenzo Reed (9/5/36)..... <i>Duke University.</i>	Livonia, N. Y.....	Roosevelt Hospital, Durham, N. C.

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Ira Stanley Ross (12/21/37)..... <i>Duke University.</i>	Newark, N. J.....	808 Third St., Durham, N. C.
Weldon Troh Ross..... <i>University of Oregon.</i>	McMinnville, Oregon.....	Duke University, House A.
Socrates Rumanos (3/20/37)..... <i>University of Alabama; medical student, ibid., 1933-1935.</i>	Mobile, Ala.....	Erwin Apts., Durham, N. C.
James Wilbur Sachs..... <i>Duke University.</i>	Hancock, Md.....	Duke University, House B.
William Osce Self (6/7/37)..... <i>Furman University.</i>	Ninety Six, S. C.....	1003 Dacian Ave., Durham, N. C.
James Edward Sheehy (6/7/37)..... <i>University of Notre Dame.</i>	Syracuse, N. Y.....	Duke Hospital.
Burton Michael Shinnors (9/5/36)..... <i>University of Notre Dame.</i>	Dunkirk, N. Y.....	Henry Ford Hospital, Detroit, Mich.
George Addison Silver, III (9/4/37)..... <i>Guilford College.</i>	Camden, N. J.....	Duke University, Durham, N. C.
William Charles Spring, Jr. (9/5/36)..... <i>University of Wisconsin.</i>	Glen Ridge, N. J.	University Hospitals of Cleveland, Cleveland, Ohio.
Charles Paul Stevick (9/5/36)..... <i>Duke University.</i>	Southern Pines, N. C.....	Duke Hospital.
Murdo Eugene Street, Jr. (3/20/37)..... <i>Duke University; University of North Carolina.</i>	Glendon, N. C.....	208 Buchanan Road, Durham, N. C.
George Merritt Stroud, III (12/21/37)..... <i>Duke University.</i>	Chester, Pa.....	Duke University, House B.
Charles Woodrow Styron..... <i>North Carolina State College.</i>	New Bern, N. C.....	Duke University, House A.
Edwin Hale Thornhill..... <i>Duke University.</i>	Bluefield, W. Va.....	1013 Monmouth Ave., Durham, N. C.
Eulyss Robert Troxler..... <i>Duke University.</i>	Greensboro, N. C.....	Duke University, House A.
Condit Brewer Van Arsdall (6/7/37)..... <i>Kentucky Wesleyan College; University of Kentucky.</i>	Harrodsburg, Ky.....	Duke University, House B.
Joe Milton Vanhoy..... <i>Duke University.</i>	Charlotte, N. C.....	Duke University, House A.
Philip Holt Varner..... <i>West Virginia University; medical student, ibid., 1934-1936.</i>	Morgantown, W. Va.....	1012 Shepherd St., Durham, N. C.

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Norman Clemm Veale (12/21/37).....	San Diego, Calif.....	Duke University, House A.
University of California.		
Nelson Mortimer Webster (12/21/37).....	Hollywood, Calif.....	Duke University, House A.
University of Nevada.		
Warner Lee Wells (12/21/37).....	Raleigh, N. C.....	Duke Hospital. Duke University.
James Griffith Whildin (6/7/37).....	Lansford, Pa.....	Duke University, House A.
Duke University.		
Charles Stanly Whitaker.....	Brooklyn, N. Y.....	1200 College Road, Durham, N. C.
Duke University.		
James Stevenson Wilson (3/20/37).....	Korea, Asia.....	Duke Hospital. Davidson College.
Wesley Wellington Wilson (3/20/37).....	Tampa, Fla.....	1119 Eighth St., Durham, N. C.
University of Florida; Duke University; University of Alabama.		
Frank Mahlon Woolsey, Jr.....	Hancock, N. Y.....	2200 Duke Univ. Road, Durham, N. C.
Duke University.		
Dorothy Bryan Wyvell.....	Washington, D. C.....	Duke University, Aycock
Duke University.		

STUDENTS BY CLASSES

	<i>First-Year</i>	<i>Second-Year</i>	<i>Junior-Senior</i>	<i>Total</i>
1930	52	0	18	70
1931	63	46	36	145
1932	50	60	55	165
1933	60	43	90	193
1934	63	56	91	210
1935	66	57	96	219
1936	70	61	112	243

INSTITUTIONS AT WHICH THE MEDICAL STUDENTS RECEIVED
PART OR ALL OF THEIR PREPARATION

Akron University	1	California University of	2
Alabama, University of	6	California, University of, at	
Albion College	1	Los Angeles	1
Adelphi College	1	Capital University	1
Amherst College	1	Carleton College	1
Atlantic Christian College	2	Carson Newman College	1
Berea College	1	Catawba College	1
Birmingham Southern College ...	1	Chattanooga, University of	1
Bowdoin College	1	Citadel, The	2
Brigham Young University	1	Clemson College	2
Bucknell University	1	Connecticut State College	1

* The date in parentheses after a name indicates the time of completion of the medical course.

Cornell University	1	Northwestern University	3
Dartmouth College	1	Notre Dame, University of	2
Davidson College	12	Oak Ridge Institute	1
Delaware, University of	2	Ohio State University	1
Duke University	103	Oklahoma A. & M. College	1
East Carolina Teachers College ..	1	Oklahoma University	1
Elon College	1	Oregon, University of	4
Emory and Henry College	2	Pennsylvania State College	2
Florida, University of	2	Pennsylvania, University of	2
Franklin and Marshall College ...	1	Philippines, University of	1
Furman University	2	Pittsburgh, University of	2
Geneva College	1	Princeton University	1
Georgetown University	1	Puget Sound, College of	1
George Washington University ...	4	Roanoke College	1
Georgia, University of	1	Rochester, University of	1
Gettysburg College	1	Rollins College	3
Grove City College	1	Rutgers University	1
Guilford College	1	Rutherford Junior College	1
Hamilton College	2	Santa Clara University	1
Harvard College	2	Santa Tomas, University of,	
Holy Cross College	1	Manila, P. I.	1
Idaho, University of	1	South Carolina, University of ...	1
Illinois, University of	1	St. Ambrose College	1
Indiana State	1	St. Bonaventure's College	1
Indiana University	1	St. Louis University	1
Iowa, University of	1	Saint Mary's University	1
John B. Stetson University	1	St. Petersburg Junior College ...	2
Johns Hopkins University	7	Stanford University	2
Joliet Junior College	1	Syracuse University	1
Kemper Military School	1	Texas University	2
Kentucky, University of	1	Toledo University	1
Keystone Teachers College	1	Tulane University	1
Lebanon Valley College	1	Utah, University of	2
Lehigh University	2	Vanderbilt University	1
Lenoir Rhyne College	1	Virginia Military Institute	1
Long Island University	1	Virginia Polytechnic Institute ...	1
Marietta College	1	Virginia, University of	3
Mars Hill College	1	Wake Forest College	1
Maryland, University of	3	Washington, University of	6
Massachusetts State College	1	Washington & Lee University ...	1
Michigan State College	1	Wayne University	1
Michigan, University of	1	Wesleyan University	1
Minnesota, University of	3	Western Illinois State Teachers	
Missouri, University of	1	College	1
Muhlenberg College	3	Westmoreland Junior College ...	1
Nevada, University of	2	West Virginia University	4
New Hampshire, University of ...	1	West Virginia Wesleyan College..	1
New York University	6	William & Mary, College of	1
North Carolina State College ...	4	Wisconsin, University of	2
North Carolina, University of ...	8	Wofford College	2
North Dakota, University of	1	Yale University	1

STATES IN WHICH THE MEDICAL STUDENTS WERE BORN

Alabama	5	District of Columbia	3
California	4	Florida	4
Connecticut	3	Georgia	8
Delaware	1	Illinois	6

Indiana	3	North Dakota	1
Iowa	4	Ohio	3
Kentucky	2	Oklahoma	5
Louisiana	1	Oregon	3
Maine	1	Pennsylvania	28
Maryland	7	South Carolina	9
Massachusetts	4	South Dakota	1
Michigan	3	Tennessee	3
Minnesota	2	Texas	2
Missouri	1	Utah	3
Montana	1	Vermont	1
Nebraska	3	Virginia	5
New Hampshire	1	Washington	4
New Jersey	14	West Virginia	9
New York	24	Wisconsin	2
North Carolina	54		

Foreign Countries

Austria	1	Korea	1
Brazil	1	Philippines	1
Cuba	1		

GRADUATES WHO ARE OBTAINING THE REQUIRED TWO YEARS
OF HOSPITAL OR LABORATORY TRAINING*

- John Samuel Baker, *Southern California*; M.D., Duke (9/1/34); *Int. in Med.*, Duke Hospital, 9/1/34-8/31/35; *Res. in Med.*, San Diego Co. Hospital, San Diego, Cal., 1/1/36-6/30/36; *Res. of Clinics*, Riverside Co. Hospital, Riverside, Cal., 9/1/36—
- Julius Boiarsky, *West Va., Ohio State*; med. stud., West Va., 1931-33; M.D., Duke (6/8/35); *Int., rotating*, Deaconess Hospital, Cincinnati, O., 7/1/35-6/30/36, and Charleston General Hospital, Charleston, W. Va., 7/1/36—
- Edgar Marx Braun, *Brown*; M.D., Duke (6/13/36); *Int. in Ped.*, Brooklyn Jewish Hospital, 7/1/36—
- William Henry Bridgers, *Duke*; M.D., *ibid.* (6/13/36); *Int. in Surg.*, Duke Hospital, 7/1/36—
- Frank Woolridge Buckner, *Davidson*; M.D., Duke (6/13/36); *Int. in Surg.*, Duke Hospital, 7/1/36—
- Benjamin Brooks Burrill, Jr., *Dartmouth*; M.D., Duke (6/13/36); *Int., rotating*, Mountinside Hospital, Montclair, N. J., 7/1/36—
- Charles Francis Chunn, *Duke*; M.D., *ibid.* (12/20/35); *Int. in Surg.*, Duke Hospital, 1/1/36—
- Charles Anthony Collins, *Columbia*; M.D., Duke (8/31/35); *Int. in Med.*, Henry Ford Hospital, Detroit, 9/1/35—
- Gabriel Hernando Cortes, *Michigan, Duke*; M.D., *ibid.* (12/20/35); *Int. in Med.*, New York Postgraduate Hospital, 1/1/36—
- Kenneth John Costich, *Holy Cross*; M.D., Duke (12/20/35); *Int. rotating*, New York Polyclinic Hospital, 1/1/36-4/3/36; *Int.*, Hugh Chatham Memorial Hospital, Elkin, N. C., 7/25/36—
- Felix Hughes Crago, *West Va.*; med. stud., 1931-33; M.D., Duke (6/8/35); *Int., rotating*, Ancker Hospital, St. Paul, Minn., 7/1/35-6/30/36; *Fellowship in Med.*, Univ. of Minnesota, 7/1/36—

* The institutions at which each student received his premedical preparation are shown in italics. The date in parentheses after Duke indicates the time of the completion of the medical course.

- Charles Cramer, *Cooper Union, Columbia*; M.D., Duke (8/31/35); *Res. in Med.*, Vanderbilt University Hospital, 9/1/35-6/30/36; *Res. in Path.*, St. John's Hospital, Brooklyn, N. Y., 7/1/36—
- John Sinclair Denholm, *Pittsburgh*; M.D., Duke (11/30/35); *Int. in Med.*, Duke Hospital, 12/1/35-8/31/36; *Ass't. Phys.*, N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C., 7/1/36—
- John William Devine, Jr., *Washington and Lee*; M.D., Duke (3/21/35); *Int. in Surg. and Ass't. Res. in Surg. and Path.*, Duke Hospital, 7/1/35—
- Leslie Van Dyke Dill, *Duke*; M.D., *ibid.* (6/13/36); *Int. in Med.*, Vanderbilt University Hospital, 7/1/36—
- Elbert Newton DuPuy, *West Virginia*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int.*, rotating, Church Home & Infirmary, Baltimore, Md., 7/1/32-6/30/33; *Ass't. Res. and Res. in Obs. & Gyn.*, Univ. of Maryland Hospital, Baltimore, Md., 7/1/34-6/30/36; *Ass't. Res. in Obs. & Gyn.*, Rotunda Hospital, Dublin, 8/1/36—
- John Watson Edwards, *New Mexico Military Institute, Duke*; M.D., *ibid.* (6/13/36); *Int. in Med.*, Church Home & Infirmary, Baltimore, Md., 7/1/36—
- Alvis Dare Finch, *Duke*; M.D., *ibid.* (6/8/35); *Int.*, rotating and in *Surg.*, Harper Hospital, Detroit, 6/28/35—
- Max Wolff Fischbach, *Catavba*; M.D., Duke (6/13/36); *Int.*, rotating, Philadelphia Jewish Hospital, 6/15/36—
- Herbert Junius Fox, *North Carolina, Duke*; M.D., *ibid.* (8/31/35); *Int. and Ass't. Res. in Med.*, University Hospitals of Cleveland, 11/1/35—
- James Francis Fulp, *Vanderbilt, Duke*; M.D., *ibid.* (6/8/35); *Int.*, Goldsboro City Hospital, Goldsboro, N. C., 7/1/35-8/31/35; *Int.*, N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C., 9/1/35-12/31/35; *Int.*, rotating, Jersey City Medical Center, Jersey City, N. J., 1/1/36—
- Harry-Rolf Germer, *Deutsche Aufbauschule*; med. stud., Jena, 1930-33; M.D., Duke (3/21/36); N. C. State Board of Health, Chapel Hill, N. C., 6/10/36-9/30/36; *Ass't. Health Officer*, County Health Department, Winston-Salem, N. C., 10/1/36—
- Jack Greenfield, *Johns Hopkins*; M.D., Duke (8/31/35); *Int. in Surg.*, Duke Hospital, 9/1/35-6/30/36; *Int.*, rotating, Flower and Fifth Avenue Hospital, New York City, 7/1/36—
- George Thomas Harrell, Jr., *Duke*; M.D., *ibid.* (6/13/36); *Int. in Med.*, Duke Hospital, 7/1/36—
- H. Patterson Harris, *Yale*; M.D., Duke (3/21/36); *Int. in Surg.*, and *Neuro-Surg.*, Massachusetts General Hospital, Boston, 4/15/36—
- Harry Myer Holtz, *Ohio State, Columbia, Duke*; M.D., *ibid.* (6/8/35); *Int.*, rotating, Newark Beth Israel Hospital, Newark, N. J., 1/1/36—
- Arthur M. Jenkins, *Springfield, Simpson*; M.D., Duke (12/20/35); *Int.*, rotating and *Ass't. Res. in Ped.*, Union Memorial Hospital, Baltimore, 1/1/36—
- Raymond Taylor Jenkins, *North Carolina*; M.D., Duke (6/8/35); *Int. in Surg.*, Duke Hospital, 7/1/35-11/24/35; *Int. and Ass't. Phys.*, N. C. Sanatorium for the Treatment of Tuberculosis, 4/1/36—
- Julia Mary Jones, *Denison, Ohio State*; M.D., Duke (3/21/35); *Int. in Med.*, Johns Hopkins Hospital, 3/22/35-6/30/35; *Vol. Ass't.*, New York State Hospital, Ray Brook, N. Y., 9/1/35-12/31/35; *Ass't. in Anat.*, Duke Med. Sch., and *Int. in Med.*, Duke Hospital, 1/1/36—
- Charles Mattox Kendrick, *Duke*; med. stud., North Carolina, 1929-31; M.D., Duke (6/10/33); *Int.*, Wheeling Hospital, Wheeling, W. Va., 7/1/33-6/30/34; *Ass't. to Dr. W. P. Sammons*, Wheeling, 7/1/34-6/30/36; *Sen. Int. in Med.*, Memorial Hospital, Richmond, Va., 10/1/35—

* See footnote, p. 56.

- Roderic Orlando Jones, *Johns Hopkins, John B. Stetson*; M.D., Duke (12/20/35); *Int. in Med.*, University of Chicago Clinics, 1/1/36-12/31/36; *Int.*, Baker Sanatorium, Lumberton, N. C., 1/1/37—
- William Paul Kavanagh, *Whcaton*; M.D., Duke (8/31/35); *Int.*, rotating, Highland Park General Hospital, Detroit, 9/1/36-6/30/36; *Int. in Med.*, Henry Ford Hospital, Detroit, 7/1/36—
- Frederick Robert Klenner, *St. Vincent, St. Francis, Catholic*; M.D., Duke (3/21/36); *Int.*, Goldsboro City Hospital, Goldsboro, 4/1/36-8/31/36, and Moore County Hospital, Inc., Pinehurst, N. C., 9/1/36—
- Charles Edward Leach, *Johns Hopkins, Duke*; M.D., *ibid.* (6/8/35); *Int. in Med.*, Johns Hopkins Hospital, 9/1/35-8/31/36; *Ass't. Res. in Med.*, Duke Hospital, 9/1/36—
- David Washington Lester, *Wichita*; M.D., Duke (6/8/35); *Int.*, rotating, and *Res. in Med.*, San Diego County General Hospital, San Diego, Cal., 7/1/35—
- Donald Feige Marion, *Duke*; M.D., *ibid.* (8/31/35); *Int. in Med.*, Henry Ford Hospital, Detroit, 9/1/35—
- George Kemp Massengill, Jr., *Duke*; M.D., *ibid.* (6/13/36); *Int. in Surg.*, Henry Ford Hospital, Detroit, 7/1/36—
- Bernyrd Carlyle McLawhorn, *Furman*; M.D., Duke (6/8/35); *Int. and Res.*, rotating, Hospital of St. Vincent de Paul, Norfolk, Va., 7/1/35—
- Elijah Eugene Menefee, Jr., *Virginia*; M.D., Duke (6/13/36); *Int.*, New York State Sanatorium, Ray Brook, N. Y., 7/1/36-8/31/36; *Int. in Med.*, Duke Hospital, 9/1/36—
- Ben Neely Miller, *Duke*; M.D., *ibid.* (6/8/35); *Int. and Ass't. Res. in Med.*, Duke Hospital, 7/1/35—
- Henry Stokes Munroe, Jr., *Davidson*; M.D., Duke (6/8/35); *Int. in Med. and in Surg.*, Duke Hospital, 7/1/35—
- Arthur Neumaier, *Columbia*; M.D., Duke (6/8/35); *Int. in Ped.*, University of Chicago Clinics, 7/1/35-5/31/36; *1st. Lieut., Med. Reserve*, C. C. C., Aberdeen, N. C., 6/1/36-11/30/36; *Int.*, rotating, St. Mary's Hospital, Duluth, Minn., 1/1/37—
- Philip Brower Parsons, *Duke*; M.D., *ibid.* (3/21/36); *Int. in Surg.*, Duke Hospital, 7/1/36—
- Talmage Lee Peele, *Duke*; med. stud., Vanderbilt, 1929-31; M.D., Duke (6/9/34); *Int. and Ass't. Res. in Med.*, Duke Hospital, 7/1/34-6/30/36; *Int. and Res. in Neurol.*, Bellevue Hospital, New York City, 7/1/36—
- Michael Theodore Pishko, *Pittsburgh*; M.D., Duke (6/13/36); *Int.*, rotating, Pittsburgh Hospital, 7/1/36—
- John Fairman Preston, Jr., *Davidson*; M.D., Duke (6/8/35); *Int.*, rotating, Piedmont Hospital, Atlanta, Ga., 7/1/35-6/30/36, and *in Path.*, Duke Hospital, 7/1/36—
- Robert Harry Pudenz, *Dayton*; M.D., Duke (6/8/35); *Vol. Ass't. in Neurol.*, National Hospital, London, England, 7/1/35-12/15/35; *Int. in Surg.*, Duke Hospital, 1/1/36-9/30/36, and *in Neuro-Surg.*, Royal Victoria Hospital, Montreal, Canada, 10/1/36—
- Lester Paul Rasmussen, *Snoxe, Utah*; med. stud., *ibid.*, 1931-32; M.D., Duke (6/8/35); *Int.*, rotating, Salt Lake General Hospital, 7/1/35-6/30/36; *Int. in Ped.*, University of Chicago Clinics, 7/1/36—
- Edwin Tyson Ricketts, *Georgia School of Technology, Milsaps, Duke*; M.D., Duke (3/21/36); *Int.*, N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C., 3/22/36-5/12/36; *Int.*, rotating, Dispensary & Emergency Hospital, Washington, D. C., 7/1/36—

* See footnote, p. 56.

- Dennis Hardesty Robinson, *West Va.*; med. stud., *ibid.*, 1929-31; M.D., Duke (3/21/35); *Int.*, rotating, Baker Sanatorium, Lumberton, N. C., 4/15/35-6/30/36; *Res.*, rotating, Huntington Memorial Hospital, Huntington, W. Va., 7/1/36-11/30/36; *Res. in Surg.*, John Russell Hospital, Bedford, Va., 12/1/36—
- Frank Hurd Robinson, Jr., *Michigan*; M.D., Duke (6/8/35); *Int. in Med.*, Duke Hospital, 7/1/35-6/30/36; Field Work, U. S. P. H. Serv., Mecklenberg Co., N. C., 7/1/36-12/31/36; *Int. in Ped.*, Johns Hopkins Hospital, 1/1/37—
- Ralph Ernest Schmidt, *Pittsburgh*; M.D., Duke (6/8/35); *Int.*, rotating, Hamot Hospital, Erie, Pa., 7/1/35-6/30/36; *Int. in Neuro-Surg.*, Massachusetts General Hospital, Boston, 7/1/36-9/30/36; *Int.*, gen'l., House of Good Samaritan, Boston, 10/1/36—
- William Schulze, *Tulane, Richmond*; M.D., Duke (6/13/36); *Int. in Med.*, Duke Hospital, 7/1/36—
- Ralph Kenneth Shields, *Pennsylvania State*; M.D., Duke (8/31/35); *Int. in Med.*, Henry Ford Hospital, Detroit, 9/1/35—
- William Thornton Spence, *Lafayette, Alabama*; M.D., Duke (3/21/36); *Int.*, N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C., 4/1/36-6/1/36; *Int. in Surg.*, Mercy Hospital, Pittsburgh, Pa., 7/1/36—
- Glenn Emory Stayer, *Pittsburgh, Columbia*; M.D., Duke (12/18/34); *Int.*, rotating, Touro Infirmary, New Orleans, 12/19/34-6/30/36; *Int. and Ass't. Res. in Otolaryn.*, Duke Hospital, 7/1/35—
- Joseph Blackburn Stevens, *Davidson*; M.D., Duke (12/20/35); *Int. in Path.*, Duke Hospital, 1/1/36—
- Robert Boyd Stith, Jr., *Duke*; M.D., *ibid.* (6/8/35); *Int. in Med.*, Duke Hospital, 7/1/35-6/30/36, and Cornell Medical Center, New York City, 7/1/36—
- Hugh Franklin Swingle, Jr., *Virginia, Tennessee, State Teachers*; M.D., Duke (11/30/35); *Int. in Med.*, Duke Hospital, 12/1/35-9/30/36; *Fellow in Surg.*, Mayo Clinic, Rochester, Minn., 10/1/36—
- Victor Leo Szanton, *Alabama*; M.D., Duke (6/13/36); *Int.*, rotating, Watts Hospital, Durham, N. C., 7/1/36—
- Abraham Jack Tannenbaum, *Ohio State, Duke*; M.D., *ibid.* (6/8/35); *Int.*, rotating, St. Leo's Hospital, Greensboro, N. C., 7/1/35-6/30/36, and Galinger Municipal Hospital, Washington, D. C., 7/1/36—
- Robert Hendon Thomason, *Sam Houston Teachers, Agricultural & Mechanical College of Texas, Duke*; M.D., *ibid.* (8/31/35); *Int. in Ped.*, Duke Hospital, 9/1/35-6/30/36; *Ass't. Res. in Med.*, Baltimore City Hospitals, 7/1/36—
- Arthur Fred Turner, Jr., *Southern, Duke*; M.D., *ibid.* (6/13/36); *Int.*, rotating, Christ Hospital, Cincinnati, O., 7/1/36—
- George Irvin Uhde, *Duke*; M.D., *ibid.* (6/13/36); *Int.*, rotating, Reading City Hospital, Reading, Pa., 7/1/36—
- Thomas Wilson Wesson, *Mississippi*; M.D., Duke (6/8/35); *Int. in Ped.*, Strong Memorial Hospital, 7/1/35-6/30/36, and rotating, Rochester General Hospital, Rochester, N. Y., 9/1/36—
- Millard Brown White, *Florida, Duke*; M.D., *ibid.* (6/8/35); *Int.*, rotating, Western Pennsylvania Hospital, Pittsburgh, Pa., 7/1/35-6/30/36, and Tampa Municipal Hospital, Tampa, Fla.
- Candler Arthur Willis, *Duke*; M.D., *ibid.* (6/13/36); *Int.*, rotating, Watts Hospital, Durham, N. C., 7/1/36—

* See footnote, p. 56.

GRADUATES WHO HAVE COMPLETED SATISFACTORILY TWO OR MORE YEARS OF HOSPITAL OR LABORATORY TRAINING*

- Gerald Lyon Ackerman, *Washington & Jefferson*; med. stud., West Va., 1929-31; M.D., Duke (3/22/33); *Int., Ass't. Res. and Res. in Surg.*, Church Home & Infirmary, Baltimore, Md., 7/1/33—
- Carlton Noble Adams, *Wake Forest*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int., Ass't. Res. and Res. in Surg.*, Church Home & Infirmary, Baltimore, Md., 7/1/32-6/30/36; *present address (in practice)*, Raleigh, N. C.
- Lacy Allen Andrew, Jr., *North Carolina*; med. stud., *ibid.*, 1928-30; M.D., Duke (6/11/32); *Int.*, Baltimore City Hospitals, 7/1/32-6/30/33, and Watts Hospital, Durham, N. C., 7/1/33-6/30/34; *present address (in practice)*, Durham, N. C.
- Jay Morris Arena, *West Virginia*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int. in Ped.*, Strong Memorial Hospital, Rochester, N. Y., 3/22/32-6/30/32, and Johns Hopkins Hospital, 7/1/32-6/30/33; *Ass't. Res. and Res. in Ped.*, Duke Hospital, 7/1/33-6/30/35; *Instr. and Assoc. in Ped.*, Duke University School of Medicine, 7/1/35—
- Lenox Dial Baker, *Tennessee, North Carolina*; M.D., Duke (12/19/33); *Int. in Surg. and Ass't. Res. and Res. in Orth.*, Johns Hopkins Hospital, 1/1/34—
- John Valentine Blady, *Wisconsin*; med. stud., *ibid.*, 1926-27, 1928-29; M.D., Duke (3/19/32); *Int. in Surg.*, Duke Hospital, 7/1/32-6/30/33; *Ass't. Res., Res. and Instr. in Roent.*, Temple Univ. Hospital, Philadelphia, 7/1/33-12/31/35; *Int. in Roent. and Clin. Fellow*, Memorial Hospital, New York City, 1/1/36—
- Berget Henri Blocksom, Jr., *Indiana, Michigan*; M.D., Duke (9/2/33); *Int. in Surg.*, Duke Hospital, 9/3/33-6/30/34; *Ass't. Res. and Res. in Urol.*, Univ. of Chicago Clinics, 7/1/34—
- Ned Ornell Bowman, *North Carolina*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int.*, Middlesex Gen'l. Hospital, Middlesex, N. J., 7/1/32-12/1/33; *Ass't. Res. and Res.*, Eastern Dispensary & Casualty Hospital, Washington, D. C., 1/1/34-6/30/34; *Instr. in Physiology and Ass't. School Physician*, Rutgers Univ., New Brunswick, N. J., 7/1/34-6/30/36; *present address (in practice)*, New Brunswick, N. J.
- Oren Douglas Boyce, *North Carolina*; M.D., Duke (9/2/33); *Int.*, Jefferson Hospital, Roanoke, Va., 9/3/33-6/30/34; and in *Obs. & Gyn.*, Vanderbilt Univ. Hospital, 7/1/34-6/30/35; *present address (in practice)*, Rural Retreat, Va.
- Earl Winfrey Brian, *Duke*; M.D., *ibid.* (9/1/34); *Int. in Med.*, Henry Ford Hospital, Detroit, 9/1/34-6/30/35; *Int. in Path.*, Duke Hospital, 7/1/35-6/30/36; *Ass't. Res. in Med.*, Henry Ford Hospital, 7/10/36—
- Ernest Bruce Brooks, *Duke*; M.D., *ibid.* (9/2/33); *Int.*, Union Memorial Hospital, Baltimore, 9/3/33-6/30/34; *Ass't. Res.*, Univ. of Maryland Hospital, Baltimore, 7/1/34-6/30/35; *Obs. Outside Service* Charlotte, N. C., July and Aug., 1935; *Int.*, N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C., Sept. and Oct., 1935; *present address (in practice)*, 515 Reynolds Bldg., Winston-Salem, N. C.
- Arthur Raymond E. Buirge, *Drake, Duke*; M.D., *ibid.* (12/18/34); *Int. in Obs. & Gyn. and in Surg.*, 1/1/35-6/30/36, and *Ass't. in Surg.*, Univ. of Minnesota Hospitals, 7/1/36—
- John C. Burwell, Jr., *Duke, Harvard*; M.D., Duke (9/2/33); *Int.*, New York Postgraduate School & Hospital, New York City, 9/3/33-6/30/34; and in *Obs. & Gyn.*, New York Hospital, 9/1/34-6/30/35; and Bellevue Hospital, New York City, 7/1/35-6/30/36; *present address (in practice)*, Greensboro, N. C.

* See footnote, p. 56.

- Jasper Lamar Callaway, *Alabama*; med. stud., *ibid.*, 1929-31; M.D., Duke (12/21/32); *Fellow*, Univ. of Pennsylvania Hospital, Philadelphia, Pa., 1/1/36-6/30/33; *Int. and Ass't. Res. in Med.*, Duke Hospital, 7/1/33-1/23/35; *Instr. in Phys. Diag.*, Univ. of Alabama School of Medicine, 2/1/35-5/31/35; *Instr. in Derm. & Syphil.*, Univ. of Pennsylvania Hospital, 6/15/35-6/30/37; *Instr. in Med., Derm. & Syphil.*, Duke Hospital, 7/1/37—
- James Henderson Cherry, *Mars Hill*; M.D., Duke (12/19/33); *Int.*, Goldsboro City Hospital, Goldsboro, N. C., 1/1/34-6/30/34, and in *Surg.*, Duke Hospital, 7/1/34-6/30/35; *Fellow in Orth. Surg.*, Mayo Clinic, 7/1/35—
- Milton Carpinter Cobey, *Amherst*; M.D., Duke (9/1/34); *Int. in Orth. and in Surg.*, and *Ass't. Res. in Orth.*, Johns Hopkins Hospital, 9/1/34—
- Martin Edward Conti, *West Va.*; med. stud., *ibid.*, 1929-31; M.D., Duke (3/22/33); *Int. in Obs. & Gyn.*, Duke Hospital, 3/23/33-8/31/33; *rotating*, Watts Hospital, Durham, N. C., 9/1/33-8/31/34, and City Hospital, Mobile, Ala., 7/1/34-6/30/35; *present address (in practice)*, 303 Home Savings Loan Bldg., Youngstown, Ohio.
- Maurie Bertram Cree, *Wake Forest*; M.D., Duke (12/18/34); *Int.*, *rotating*, Baptist Memorial Hospital, Memphis, Tenn., 1/10/35-6/30/36; *Gen'l. Res.*, Greenville General Hospital, Greenville, S. C., 7/1/36—
- Bennie Booker Dalton, *North Carolina*; med. stud., *ibid.*, 1928-30; M.D., Duke (6/11/32); *Int.*, McKeesport Hospital, McKeesport, Pa., 7/1/32-7/31/32; Watts Hospital, Durham, N. C., 8/1/32-7/31/33, and Wassaic State School, Wassaic, N. Y., 10/10/33-10/10/34; *County Health Officer*, Rockingham, N. C., 1/1/35-10/31/36; *present address (in practice)*, Liberty, N. C.
- William Howard Darden, *Alabama*; med. stud., *ibid.*, 1929-31; M.D., Duke (12/21/32); *Int. and Ass't. Res.*, Northwestern Hospital, Minneapolis, Minn., 1/1/33-12/31/34; (*in practice*), 214½ Vermillion St., Hastings, Minn., 7/1/35-12/15/35; *Medical Officer*, C. C. Corps, Blairsville, Ga., 2/15/36—
- Rudolph John Depner, *Rhode Island State, Missouri*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int.*, Kansas City Hospital, 7/1/32-6/30/33; *Ass't. Res. and Ass't. Sup't.*, Exeter School, Lafayette, R. I., 7/1/33-7/31/35; *Med. Int.*, Wassaic State School, 8/1/35—
- Benjamin George Dinin, *New York Univ., Alabama*; M.D., Duke (9/2/33); *Int. in Med.*, Duke Hospital, 9/3/33-8/31/34; *Ass't. Res.*, New York Hospital, New York City, 9/1/34-6/30/35; *Int. in Ped.*, Brooklyn Jewish Hospital, Brooklyn, N. Y., 7/1/35-6/30/36; *Res. in Communicable Diseases*, Kingston Ave. Hospital, Brooklyn, N. Y., 7/1/36—
- Grant Lester Donnelly, *Duke, Chicago*; med. stud., North Carolina, 1927-30; M.D., Duke (6/10/33); *Int. in Obs. & Gyn.*, Duke Hospital, 6/12/33-8/31/33; *Assoc. Prof. in Phar.*, Univ. of North Carolina, 9/1/33—
- Raymond John Duffy, *Pittsburgh*; med. stud., West Va., 1929-31; M.D., Duke (6/10/33); *Int.*, Boston Psychopathic Hospital, 7/1/33-6/30/34; *Staff Member*, McLean Hospital, Waverley, Mass., 7/1/34-4/30/35; *Int.* 5/1/35-12/31/36, and *Psychiatrist-in-Charge*, Carney Hospital, Boston, Mass., 5/1/35, and in *practice*, 270 Commonwealth Ave., Boston, Mass.
- Eleanor Beamer Easley, *Idaho, Iowa, George Peabody, Vanderbilt*; M.D., Duke (3/21/34); *Int.*, N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C., 3/25/34-5/31/34; *Int. and Ass't. Res. in Med.*, and *Int. in Obs. & Gyn.*, Duke Hospital, 7/1/34—
- William Dempsey Farmer, *Duke*; M.D., *ibid.* (6/9/34); *Int. in Med.*, Baltimore City Hospitals, 7/1/34-6/30/35; *Int. in Surg.*, and in *Otolaryn.*, Duke Hospital, 7/1/35—

* See footnote, p. 56.

- John Dean Fitzgerald, *Duke*; M.D., *ibid.* (9/1/34); *Int., rotating and in Surg.*, Watts Hospital, Durham, N. C., 9/1/34-6/30/36; *Ass't. in Gen'l.*, Rainey Hospital, Burlington, N. C., 7/1/36—
- John Stewart Forbes, Jr., *Duke*; M.D., *ibid.* (12/18/34); *Int., rotating*, Jersey City Medical Center, 1/1/35-1/1/36; *Res. in Med.*, New Jersey State Hospital, 2/1/36—
- William Nicholas Fortescue, *Duke*; M.D., *ibid.* (6/9/34); *Int. and Ass't. Res. in Med.*, Long Island Hospital, Boston, Mass., 7/1/34-5/31/36; *present address (in practice)*, Henderson, N. C.
- William Penn Frazer, *Richmond*; M.D., *Duke* (9/2/33); *Int., Stud. Health Serv.*, Duke Hospital, 10/1/33-6/30/34; *Int. in Obs. & Gyn.*, Johns Hopkins Hospital, 9/1/34-8/15/35; *Int. in Ped.*, Bellevue Hospital, New York City, 8/15/35-12/31/35; *present address (in practice)*, Hamilton, Va.
- Gustave Freeman, *Georgia, Brown, Columbia*; M.D., *Duke* (9/2/33); *Int. in Med.*, Duke Hospital, 9/3/33-6/30/34; *Int. and Ass't. Res. in Path.*, New Haven Hospital, and *Ass't. in Path.*, Yale School of Medicine, 7/1/34-12/31/35; *Ass't. in Med.*, Univ. of Chicago Clinics, 1/1/36—
- Jerome Gaskel, *West Virginia*; med. stud., *ibid.*, 1929-31; M.D., *Duke* (3/22/33); *Int.*, City of Cincinnati General Hospital, 4/1/33-6/30/34; *Ass't. Res.*, Boston Floating Hospital, 10/1/34-9/30/35; *Res. in Surg.*, Huntington Memorial Hospital, Huntington W. Va., 11/1/35-3/31/36; *present address (in practice)*, Montgomery, W. Va.
- Charles Houston Gay, *Duke*; med. stud., North Carolina, 1929-31; M.D., *Duke* (3/22/33); *Int. in Ped.*, New York Hospital, New York City, 3/20/33-9/30/33; *Int. in Ped.*, New Haven Hospital, 10/1/33-10/31/34; *Ass't. Res. in Ped.*, Duke Hospital, 11/1/34-6/30/36; *present address (in practice)*, Martinsburg, W. Va.
- Cole Deane Genge, *Ripon, Stanford*; M.D., *Duke* (12/18/34); *Int., rotating*, Hospital of St. Vincent de Paul, Norfolk, Va., 7/1/35-6/30/36; *Int.*, Duke Hospital, 11/17/36-12/31/36, and *House Officer and Res. in Roent.*, Boston City Hospital, 1/1/37—
- Richard Hobart Godwin, *New York, Duke, Illinois*; M.D., *Duke* (6/9/34); *Int., rotating*, Cumberland Street Hospital, Brooklyn, N. Y., 7/1/34-6/30/36; *Int. in Ped.*, New York Hospital, 7/1/36—
- Abner Gorfain, *New York, North Carolina*; M.D., *Duke* (9/1/34); *Int.*, Christ Hospital, Cincinnati, O., 9/1/34-8/31/35; *Int. in Surg.*, Bellevue Hospital, 9/1/35-2/29/36, and *Res. in Urol.*, Postgraduate Hospital, New York City, 6/1/36—
- Robert Williams Graves, *Davidson, Princeton*; M.D., *Duke* (9/2/33); *Int. and Ass't. Res. in Med.*, New Haven Hospital, 1/1/34-12/31/35; *Postgraduate work*, National Hospital, London, Eng., 1/1/36-6/30/36; *Instr. in Anat. and in Med.*, Duke Univ. School of Medicine, 7/1/36—
- William Lorenz Haltom, *Hendrix, Alabama*; med. stud., *ibid.*, 1928-30; M.D., *Duke* (3/19/32); *Int. in Surg. and Ass't. Res. in Urol.*, Duke Hospital, 7/1/32-11/30/33; *Res.*, Presbyterian Hospital, Chicago, Ill., 1/1/34-12/31/34; *Ass't. Res. and Res. in Urol.*, Duke Hospital, 1/1/35-12/31/36; *present address (in practice)*, City Hospital, Martinsburg, W. Va.
- Robert Albert Hare, *Ohio State*; M.D., *Duke* (9/1/34); *Int. in Med.*, French Hospital, New York City, 9/1/34-6/10/35; *Int. and Ass't. Res. in Ophthalm.*, Johns Hopkins Hospital, 9/1/35—
- Walter Thalman Hasler, Jr., *Brigham Young*; med. stud., Utah, 1929-31; M.D., *Duke* (3/22/33); *Int., rotating*, Church Home & Infirmary, Baltimore, Md., 7/1/33-6/30/34; *Ass't. Res. and Res. in Otolaryn.*, Duke Hospital, 7/1/34-6/30/36; *present address (in practice)*, Everett, Wash.

* See footnote, p. 56.

- George Heinitch, *North Carolina*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int. in Surg., Ass't. Res. in Priv. Diag. Clinic, and Ass't. Res. and Res. in Otolaryn.*, Duke Hospital, 7/1/32—
- Jay Leonard Hutchison, *Marshall*; M.D., Duke (12/19/33); *Int. in Surg.*, Duke Hospital, 1/1/34-6/30/34; *Res.*, N. C. Orthopedic Hospital, Gastonia, N. C., 7/1/34-6/30/35; *Res. in Orth.*, Duke Hospital, 7/1/35-2/29/36; *Res.*, N. C. Orthopedic Hospital, 3/1-3/15/36; *Res. in Orth.*, Univ. of Virginia Hospital, 3/16-5/31/36, and Logan General Hospital, Logan, W. Va., 6/1/36—
- Austin Louis Joyner, *Millsaps, Tulane*; M.D., Duke (9/1/34); *Int., rotating*, Goldsboro City Hospital, Goldsboro, N. C., 9/1/34-9/30/34; *Fellow in Bact. and Int. in Med.*, Duke Hospital, 10/1/34-6/30/36; *Ass't. in Path. and Bact.*, Rockefeller Institute, 7/1/36—
- George William Joyner, *Wake Forest*; med. stud., *ibid.*, 1928-30; M.D., Duke (6/11/32); *Int. and Ass't. Res. in Surg.*, Duke Hospital, 7/1/32—
- Rayburn Nelson Joyner, *Wake Forest*; M.D., Duke (9/2/33); *Junior and Senior Int., rotating*, Jacksonville Duval County Hospital, Jacksonville, Fla., 9/3/33-6/30/35; *in practice*, Hastings, Fla., 7/1/35-6/30/36; *Director*, Jackson County Health Dept., Marianna, Fla., 9/1/36—
- Beverley Randolph Kennon, III, *Virginia, William and Mary*; M.D., Duke (9/1/34); *Int. in Med.*, Johns Hopkins, 9/1/34-8/31/35; *Int. in Ophth.*, New York Eye & Ear Infirmary, 10/1/35—
- Orrin Frank Kleckner, *Buffalo, Duke*; med. stud., Vanderbilt, 1929-31; M.D., Duke (12/21/32); *Int. and Ass't. Res. in Med.*, Millard Fillmore Hospital, Buffalo, N. Y., 7/1/33-2/26/35; *Res. in Med.*, Pontiac General Hospital, Pontiac, Mich., 2/27/35-6/30/36; *present address (in practice)*, Seco, Ky.
- Gerald Clellan Lewis, *Berea, Carson-Newman*; med. stud., Tennessee, 1929-31; M.D., Duke (3/22/33); *Int., rotating*, Pasadena Hospital, Pasadena, Calif., 10/15/33-7/15/34; *Int. and Res., rotating*, St. Joseph's Hospital, Phoenix, Ariz., 11/20/34-11/27/36; *present address (in practice)*, Phoenix, Ariz.
- John Fletcher Lovejoy, *Emory*; med. stud., Alabama, 1928-30; M.D., Duke (6/11/32); *Int. in Med.*, Duke Hospital, 7/1/32-6/30/33; *Int. in Orth.*, Shriners Hospital, Springfield, Mass., 7/8/33-6/30/34; *Fellow and Ass't. in Orth.*, Dr. Willis C. Campbell Clinic, Memphis, Tenn., 7/1/34-6/30/36; *present address (in practice)*, 1360 Willowbranch, Jacksonville, Fla.
- George Kenneth Mahl, *Ohio State, Duke*; M.D., *ibid.* (3/21/34); *Int.*, N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C., 3/22/34-6/1/34; *Int., rotating*, Christ Hospital, Jersey City, N. J., 7/1/34-6/30/35; *Int. in Obs. & Gyn.*, Duke Hospital, 7/1/35-11/20/35; *Sen. Int., rotating*, Christ Hospital, 12/1/35-3/31/36; *present address (in practice)*, Ironton, Ohio.
- Samuel Jeremiah Margolin, *Duke*; M.D., *ibid.* (3/21/34); *Int., rotating*, Jersey City Medical Center, 3/22/34-6/30/35; *Res. in Otolaryn.*, New York Beth Israel Hospital, 7/1/35-6/30/36; *present address (in practice)*, 1120 Brighton Beach Ave., Brooklyn N. Y.
- Robert Lindsay McMillan, *Davidson, North Carolina*; M.D., Duke (9/2/33); *Int. in Med.*, University Hospitals of Cleveland, 9/3/33-6/30/34; *Ass't. Res. in Med. and in Bact., and Res. in Med.*, Duke Hospital, 11/1/34—
- Robert Felton Mikell, *John B. Stetson, Georgia*; M.D., Duke (12/19/33); *Int., Ass't. Res., Res. and Instr. in Ped.*, Strong Memorial Hospital, Rochester, N. Y., 9/1/33-6/30/36; *Int.*, Iola Sanatorium, Rochester, N. Y., 7/1/36—

* See footnote, p. 56.

- Charles Francis Montgomery, *Drury, Missouri*; med. stud., *ibid.*, 1929-31; M.D., Duke (3/22/33); *Int. in Surg. and Ass't. Res. and Res. in Orth. Surg.*, Henry Ford Hospital, Detroit, Mich., 9/1/33—
- Robert McGee Mullen, II, *Pittsburgh*; M.D., Duke (9/1/34); *Int. in Path.*, Baltimore City Hospitals, 9/1/34-8/31/35; *Int. in Obs.*, Johns Hopkins Hospital, 9/1/35-8/31/36, and Boston Lying-In Hospital, Boston, Mass., 9/1/36-12/31/36; *present address (in practice)*, Santa Barbara, Cal.
- Francis Leroy Owens, *Pittsburgh*; M.D., Duke (9/1/34); *Int. in Surg.*, Duke Hospital, 9/1/34-12/31/34; *Int., rotating*, Moore County Hospital, Inc., Pinehurst, N. C., 1/6/35-8/31/36; *present address (in practice)*, Roseboro, N. C.
- Daniel Jack Pachman, *New York, North Carolina*; M.D., Duke (9/1/34); *Int. in Ped.*, University of Chicago Clinics, 9/1/34-8/31/35; *Int. in Ped.*, New York Hospital, 9/1/35-6/30/36; *Ass't Res. in Ped.*, Duke Hospital, 7/1/36—
- Edward Frost Parker, Jr., *South Carolina*; M.D., Duke (9/2/33); *Int. in Surg.*, Strong Memorial Hospital, Rochester, N. Y., 9/3/33-6/30/34, and Vanderbilt Univ. Hospital, 7/1/34-6/30/35; *Ass't. Res. in Surg.*, University of Virginia Hospital, 7/1/35-6/30/36, and Vanderbilt University Hospital, 7/1/36—
- Marion Timothy Plyler, Jr., *North Carolina State, Duke*; M.D., *ibid.* (12/19/33); *Int. N. C. Sanatorium for the Treatment of Tuberculosis, Sanatorium, N. C.*, 1/1/34-6/1/34; *Int., rotating*, Hospital of St. Vincent de Paul, Norfolk, Va., 7/1/34-6/30/35; *Int., N. C. Sanatorium*, 7/1/35-3/31/36; *Ass't. Director*, N. C. Public Health Service, 5/1/36—
- Richard Zimri Query, Jr., *Davidson*; M.D., Duke (9/1/34); *Int., rotating*, Henry Ford Hospital, Detroit; *Ass't. Res. in Med.*, Duke Hospital, 10/1/35—
- Raymond Hamilton Ralston, *State Teachers, Geneva*; M.D., Duke (9/1/34); *Int., rotating*, Postgraduate Hospital, Univ. of Pennsylvania, 9/1/34-6/30/36; *Med. R. O. C.*, Carlisle, Pa., 7/5/36-7/18/36; *present address (in practice)*, Lakeland, Fla.
- Paul Gerhard Reque, *Duke*; M.D., *ibid.* (9/2/33); *Int. and Ass't. Res. in Med.*, Duke Hospital, 9/1/33-6/30/35; *Ass't. Res. in Med.*, Lakeside Hospital, Cleveland, O., 7/1/35-6/30/36; *Univ. Phys.*, Yale University, 7/1/36—
- Louis Carroll Roberts, *Davidson*; M.D., Duke (9/2/33); *Int. in Surg. and in Path.*, and *Ass't. Res. in Surg.*, Duke Hospital, 9/1/33—
- Kenneth Brown Rothey, *Pittsburgh*; med. stud., West Va., 1929-31; M.D., Duke (12/19/33); *Int., rotating*, Fitkin Memorial Hospital, Neptune, N. J., 1/1/34-6/30/35; *Res. in Surg. and Obs.*, Somerset Hospital, Somerville, N. J., 7/1/35-3/31/36; *present address (in practice)*, Spring Lake, N. J.
- Nathan Ruby, *New York, Virginia*; M.D., Duke (9/2/33); *Int. in Med.*, Sinai Hospital, Baltimore, Md., 7/1/33-6/30/34; *Int., Ass't. Res. and Res. in Ped.*, Jewish Hospital of Brooklyn, Brooklyn, N. Y., 7/1/34—
- Edwin Macrae Rucker, *Randolph-Macon*; M.D., Duke (9/1/34); *Int. in Med., and Int. and Ass't. Res. in Obs. & Gyn.*, Duke Hospital, 9/1/34—
- Louis John Saxe, *John Carroll, Duke*; M.D., *ibid.* (9/1/34); *Int., Stud. Health Serv.*, Duke Hospital, 9/1/34-6/30/35; *Res. in Neuro. & Psychiatry*, Univ. of Virginia Hospital, 7/1/35-9/22/36; *present address*, Tucson, Ariz.
- Eugene Nestor Scadron, *Dartmouth, Yale*; M.D., Duke (9/1/34); *Fellow in Med. and Int. in Surg.*, Duke Hospital, 10/1/34-6/30/36; *Int. in Obs. & Gyn.*, Bellevue Hospital, New York City, 7/1/36—
- Walter Eugene Sharpe, Jr., *Duke*; M.D., *ibid.* (9/1/34); *Int. and Ass't. Res. rotating, and Ass't. Res. in Urol.*, Henry Ford Hospital, Detroit, 9/1/34—

* See footnote, p. 56.

- Irving Michael Siegel, *Lchigh*; M.D., Duke (9/1/34); *Int., rotating, and Admitting Phys.*, Kings County Hospital, Brooklyn, N. Y., 9/1/34-9/30/36; *present address (in practice)*, 607 West End Ave., New York City.
- Albert Randall Smith, *Wisconsin*; med. stud., *ibid.*, 1929-32; M.D., Duke (3/21/34); *Int. in Path. and in Surg.*, Duke Hospital, 3/22/34-6/30/35; *Int. in Orth. Surg.*, State University of Iowa, University Hospitals, 7/1/35—
- John Goodrich Smith, *North Carolina*; M.D., Duke (12/18/34); *Int., rotating*, Goldsboro City Hospital, Goldsboro, N. C., 1/1/35-6/30/35—
- Glenn Emory Stayer, *Pittsburgh, Columbia*; M.D., Duke (12/18/34); *Int., rotating*, Touro Infirmary, New Orleans, 12/19/34-6/30/35; *Int. and Ass't. Res. in Otolaryn.*, Duke Hospital, 7/1/35—
- Ralph Richards Stevenson, *Utah*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int. in Surg.*, Strong Memorial Hospital, Rochester, N. Y., 7/1/32-6/30/33; *Ass't. Res. in Path.*, Baltimore City Hospitals, 9/1/33-2/4/34; *Contract Surgeon*, Walter Reed Hospital, Washington, D. C., 1/29/34-8/22/34; *Res. in Path.*, Baltimore City Hospitals, 9/1/34-6/30/35; *Ass't. in Surg.*, Walter Reed Hospital, 7/1/35-6/30/36; *present address (in practice)*, 3131 Sixteenth St., N. W., Washington, D. C.
- Benj. Anderson Strickland, Jr., *Mars Hill, Wake Forest*; M.D., Duke (12/19/33); *Int.*, Woman's Hospital, Baltimore, 12/20/33-8/31/34; *Ass't. Res.*, U. S. Marine Hospital, Baltimore, 9/1/34-6/30/35; *Ass't. Surg.*, Headquarters, Third Corps Area, U. S. Army, Baltimore, 7/1/35-6/30/36; *1st Lieut.*, Med. Corps, U. S. Army, Washington, D. C., 7/1/36—
- Waller Littlepage Taylor, Jr., *Duke*; M.D., *ibid.* (9/2/33); *Int., rotating*, Hospital of St. Vincent de Paul, Norfolk, Va., 9/3/33-6/30/34; *Ass't. Res. in Med.*, Memorial Hospital, Norfolk, Va., 7/1/34-6/30/35; *present address (in practice)*, Virginia Beach, Va.
- Thaddeus Gilbert Upchurch, *North Carolina*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int. and Ass't. Res., rotating, and Res. in Obs. & Gyn.*, City of Atlanta Grady Hospital, Atlanta, Ga., 7/1/32-6/30/35; *present address (in practice)*, Smithfield, N. C.
- Myron Cherrington Waddell, *Nebraska Wesleyan, St. Louis*; med. stud., *ibid.*, 1929-31; M.D., Duke (12/19/33); *Int. in Path.*, Presbyterian Hospital, Denver, Colo., 1/1/34-8/31/35; *present address (in practice)*, 637 Republic Bldg., Denver, Colo.
- Needham Edgar Ward, Jr., *Wake Forest, Texas, North Carolina*; med. stud., *ibid.*, 1928-30; M.D., Duke (3/19/32); *Int., rotating*, James Walker Hospital, Wilmington N. C., 4/1/32-6/30/32, and McKeesport Hospital, McKeesport, Pa., 7/1/32-7/31/32; *Int. and Res., rotating*, Watts Hospital, Durham, N. C., 8/1/32-6/30/34; *present address (in practice)*, Greenville, N. C.
- William Julian Weatherford, *Alabama*; med. stud., 1929-31; M.D., Duke (3/22/33); *Int., rotating*, Watts Hospital, Durham, N. C., 7/1/33-6/30/34, and City Hospital, Mobile, Ala., 7/1/34-4/1/35; *present address (in practice)*, Pascagoula, Miss.
- Walter Raphael Wiley, *Wake Forest*; med. stud., *ibid.*, 1928-30; M.D., Duke (6/11/32); *Int., rotating*, Watts Hospital, Durham, N. C., 7/1/32-6/30/33; *House Physician*, Goldsboro City Hospital, Goldsboro, N. C., 9/1/33-12/31/33; *Int. in Med. and Ass't. Phys.*, Wassaic State School, Wassaic, N. Y., 1/1/34-2/16/36; *present address (in practice)*, Pittsboro, N. C.
- William Edgar Wilkinson *Davidson*; med. stud., North Carolina, 1928-30; M.D., Duke (6/11/32); *Int. in Surg., Ass't. Res. in Path. and in Surg.*, Duke Hospital, 7/1/32-6/30/35; CCC, Army 4, Franklinton, N. C., 8/1/35-12/31/36; CCC, Fort Bragg, N. C., 1/1/37—

* See footnote, p. 56.

- Jarrett Earl Williams, *Emory & Henry*; M.D., Duke (9/2/33); *Int. and Ass't. Res. in Path.*, Duke Hospital, 7/1/33-6/30/35; *Adjunct Prof. in Path.*, Univ. of Texas, School of Medicine, Galveston, Texas, 9/1/35-8/31/36; *Assoc. Med. Director*, Tenn. Eastman Corp., Kingsport, Tenn.
- James Raymond Wilson, *Alabama, Harvard*; M.D., Duke (6/9/34); *Int., rotating*, Albany Hospital, Albany, 7/1/34-6/30/35, and St. Elizabeth's Hospital, Utica, N. Y., 7/1/35-6/30/36; *present address (in practice)*, Utica, N. Y.
- Charles Terry Wood, *Furman, Michigan*; M.D., Duke (6/9/34); *Int. and Res., rotating*, Hospital of St. Vincent de Paul, Norfolk, Va., 7/1/34-1/11/36; *Res., rotating*, Taylor Hospital, Ridley Park, Pa., 1/13/36—

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<i>New York:</i>		H. J. Costich, '35	
Brooklyn	5	Fort Bragg	1
E. M. Braun, '36		W. E. Wilkinson, '32	
B. G. Dinin, '33		Greensboro	1
Charles Cramer, '35		J. C. Burwell, Jr., '33	
S. J. Margolin, '34		Greenville	1
Nathan Ruby, '33		N. E. Ward, Jr., '32	
New York City	11	Henderson	1
J. V. Blady, '32		W. N. Fortescue, '34	
G. H. Cortes, '35		Liberty	1
R. H. Godwin, '34		B. B. Dalton, '32	
Abner Gorfain, '34		Lumberton	1
Jack Greenfield, '35		R. O. Jones, '35	
A. L. Joyner, '34		Pinehurst	1
R. B. Kennon, III, '34		F. R. Klenner, '36	
T. L. Peele, '34		Pittsboro	1
E. N. Seadron, '34		W. R. Wiley, '32	
I. M. Siegel, '34		Raleigh	2
R. B. Stith, Jr., '35		C. N. Adams, '32	
Rochester	1	M. T. Plyler, Jr., '33	
T. W. Wesson, '35		Roseboro	1
Utica	1	F. L. Owens, '34	
J. R. Wilson, '34		Sanatorium	2
Wassaic	1	J. S. Denholm, '35	
R. J. Depner, '32		A. T. Jenkins, '35	
<i>North Carolina:</i>		Smithfield	1
Burlington	1	T. G. Upchurch, '32	
J. D. Fitzgerald, '34		Winston-Salem	2
Chapel Hill	1	E. B. Brooks, '33	
G. L. Donnelly, '33		H. R. Germer, '36	
Durham	30	<i>Ohio:</i>	
L. A. Andrew, Jr., '33		Cincinnati	1
J. M. Arena, '32		A. F. Turner, Jr., '36	
W. H. Bridgers, '36		Cleveland	1
F. W. Buckner, '36		H. J. Fox, '35	
J. L. Callaway, '32		Ironton	1
C. F. Chunn, '35		G. K. Mahl, '34	
J. W. Devine, '35		Youngstown	1
E. B. Easley, '34		M. E. Conti, '33	
W. D. Farmer, '34		<i>Pennsylvania:</i>	
R. W. Graves, '33		Philadelphia	2
G. T. Harrell, Jr., '36		M. W. Fischbach, '36	
George Heinitsh, '32		J. G. Smith, '34	
J. M. Jones, '35		Pittsburgh	2
G. W. Joyner, '32		M. T. Pishko, '36	
C. E. Leach, '35		W. T. Spence, '36	
R. L. McMillan, '33		Reading	1
		G. I. Uhde, '36	
		Ridley Park	1
		C. T. Wood, '34	

South Carolina:

Greenville	1
M. B. Cree, '34	

Tennessee:

Kingsport	1
J. E. Williams, '33	
Nashville	2
L. V. Dill, '36	
E. F. Parker, Jr., '33	

Virginia:

Bedford	1
D. H. Robinson, '35	
Hamilton	1
W. P. Frazer, '33	
Norfolk	1
B. C. McLawhorn, '35	
Richmond	1
C. M. Kendrick, '33	
Rural Retreat	1
O. D. Boyce, '33	
Virginia Beach	1
W. L. Taylor, Jr., '33	

Washington:

Everett	1
W. T. Hasler, Jr., '33	

West Virginia:

Charleston	1
Julius Boiarsky, '35	
Logan	1
J. L. Hutchison, '33	
Martinsburg	2
C. H. Gay, '33	
W. L. Haltom, '32	
Montgomery	1
Jerome Gaskel, '33	

Canada:

Montreal	1
R. H. Pudenz, '35	

Ireland:

Dublin	1
E. H. DuPuy, '32	

INDEX

Ackerman, G. L.	60	Bernheim, F.	5, 17, 28
Adams, C. N.	60	Bernheim, M. L. C.	5, 27
Adams, F. M., Jr.	45	Berry, C. D.	48
Adams, R. D.	16, 47	Biddle, R. M.	45
Adkins, T. F.	48	Billingsley, W. K., Jr.	48
Administrative Committee	14	Biochemistry	27, 38
Administrative Council	17	Biology, requirement in	25
Admission, application for	24	Bissell, B.	48
committee on	17	Black, J. R., Jr.	48
requirements for	25	Blady, J. V.	60
Administration, Duke Hospital	14	Blocksom, B. H., Jr.	60
Administration, officers of	4	Board, expenses	40
Administrative committee	14	Bogardus, G. McC.	48
Administrative staff	14	Boiarsky, J.	56
Admitting office	20	Bonser, W. H.	42
Advanced standing, requirements	25	Books	24, 40
Advancement	26	Bowman, N. O.	60
Alter, F. W., Jr.	48	Boyce, O. D.	60
Alter, R. L.	48	Bradford, W. Z.	5, 34
Altwater, F. V.	5, 14, 17, 32	Bradway, J. B.	36
Alvey, E. P.	5, 14, 17, 32	Brandt, J. W.	48
Anatomy	27, 38	Braun, E. M.	56
Anderson, H. I. G.	16	Bremer, K. M.	45
Anderson, N. L.	42	Brian, E. W.	60
Anderson, W. A. D.	10, 16, 32	Bridgers, W. H.	16, 56
Anderson, W. B.	5, 14, 32	Brooks, E. B.	60
Andrew, L. A., Jr.	60	Brown, F. C.	8
Andrews, V. L.	42	Brown, I. W., Jr.	42
Andrus, F. H.	42	Brown, R.	42
Anesthesia	22	Brown, W. L.	48
Angier B. Duke Memorial and other Loan Funds	40	Bruch, E.	10, 27
Application for admission	24	Brumbach, W. K.	42
for internships	23	Bryson, T. D.	36
postgraduate study	22	Buckner, F. W.	16, 56
School of Dietetics	22	Buirge, A. R. E.	60
School of Medicine	24	Bunch, C. P.	45
School of Nursing	21	Burge, J. C., Jr.	48
Aptitude Tests	25	Burk, J. M.	45
Arena, J. M.	5, 15, 35, 60	Burns, M. V.	10, 27, 48
Arnold, R. A.	16	Burns, R. A.	16
Associate Staff	14	Burrill, B. B., Jr.	56
Athletic Fee	40	Burwell, J. C., Jr.	60
Atwood, T. W.	5, 14, 32	Caldwell, E.	16
Autumn quarter	38, 39	Calendar	3
Axelson, G. J.	48	Callaway, J. L.	10, 14, 30, 61
Bachelor of Science (medicine)	26	Camalier, C. W., Jr.	49
(nursing)	21	Campbell, R. L.	42
Bacteriology	30, 38	Carmichael, G. G.	45
Badanes, M. B.	48	Carter, B.	5, 14, 17, 34, 36
Badgley, W. O.	42	Carter, R. R.	49
Baeder, F. N.	42	Cayer, D.	45
Baer, G. J.	48	Certificate of graduate dietitian	22
Baker, B.	14, 17, 21	Chamliiss, S.	42
Baker, J. S.	56	Changes necessary for three quarter schedule	37
Baker, L. D.	60	Chemistry, requirements in	25
Baker, R. D.	5, 15, 28	Cherry, J. H.	61
Balas, E. M.	48	Chickering, O. M.	45
Barefoot, S. W.	48	Chiefs of Services	19
Bassett, V. H.	18	Chunn, C. F.	16, 56
Batchelor, R. P.	18	Clark, E. H.	14
Bateman, O. J., Jr.	42	Clark, G. A.	18
Bauer, J. T.	48	Clinical examination	39
Baylin, G. J.	10, 27, 48	Clinical microscopy	31, 38
Beach, P. R.	45	Clinics	20, 21
Beall, K. H.	18	private diagnostic	21
Beard, J. W.	5, 32	Cobey, M. C.	61
Beaumont Committee	17	Collins, C. A.	56

- Collins, C. C., Jr. 42
Commencement fees 40
Committees 17
Conant, N. F. 6, 14, 30
Conforti, V. 42
Conti, M. E. 61
Coolidge, T. B. 10, 27
Cortes, G. H. 56
Costich, K. J. 56
Covington, J. M., Jr. 49
Cox, J. H. 49
Crago, F. H. 56
Cramer, C. 58
Cree, M. B. 61
Crisman, L. C. 49
Crispell, R. S. 6, 14, 17, 30
Crosby, F. H. 45
Cross, A. R. 49
Cunningham, R. S. 18
Currens, J. H. 49
Curriculum, committee on 17
School of Medicine 37
 (first year) 38
 (second year) 45
 (third year) 47
Dabney, M. Y. 18
Dalton, B. B. 61
Daniel, W. E. 10, 15, 32
Dann, W. J. 6, 17, 28
Darden, W. H. 61
Davidson, L. T. 18
Davison, W. C. 4, 6, 14, 17, 35, 36
Degrees, B.S. (medicine) 26
 B.S. (nursing) 21
 M.D. 26
Dein, H. L. 49
Denholm, J. S. 57
Dentistry 34
Departments of instruction 27
Depner, R. J. 61
Derieux, G. H. 10, 15, 35
Devine, J. W., Jr. 10, 15, 32, 57
Diagnosis, physical 31, 38
Diagnostic Clinic 21
Dick, M. 6, 14, 28, 30
Dietetics, School of 22
 committee on 19
Dill, L. V. D. 57
Dinin, B. G. 61
Diploma of graduate nurse 21
Diploma fees 40
Doan, C. A. 18
Doctor of Medicine 26
Donnelly, G. L. 61
Douglas, J. M. 45
Downing, J. R. 45
Drummond, W. F. 49
Duncan, C. R. 49
Duffy, R. J. 61
Duke, Augier B. Memorial 40
Duke Hospital administration 14
Duke, J. B. 25
Dunlap, E. B., Jr. 45
DuPuy, E. N. 57
Eadie, G. S. 6, 28
Eagle, W. W. 6, 14, 17, 32
Eagles, A. Y. 45
Easley, E. B. 16, 61
Eckbert, W. F. 45
Edwards, J. W. 57
Electives 33
English, requirement in 25
Entrance, requirements for 25
Epperson, J. H. 10, 36
Etter, H. S. 42
Everett, J. W. 6, 27
Examinations 39
 committee on 17
Executive Committee 17
 School of Medicine 17
Expenses, School of Medicine 40
Facilities of the Hospital 19
Faculty 5
Farmer, W. D. 16, 61
Farrar, J. 14
Feder, J. G. 10, 15, 31
Fees, athletic 40
 commencement and diploma 40
 hospital 19
 medical 40
 School of Medicine 40
 Public Dispensary 20
 School of Nursing 21
 National Board of Medical
 Examiners 40
Fellowship, research 40
Few, W. P. 4, 17
Feyder, S. 16, 28
Field, A. L. 45
Final Clinical examinations 39
Finch, A. D. 57
Finkelstein, H. 6, 17, 32
Finner, R. W. 42
First-year curriculum 38
First-year students 42
Fischbach, M. W. 57
Fisher, W. H., Jr. 42
Fitzgerald, J. D. 62
Fletcher, R. V. 10, 15, 32
Flowers, R. L. 4, 17
Fogel, D. H. 49
Forbes, J. S., Jr. 62
Forbes, R. D. 18
Forbus, W. D. 6, 14, 17, 28, 36
Ford, J. B., Jr. 42
Foreword 2
Fortescue, W. N. 62
Four quarter schedule 38, 39
Fox, H. J. 57
Fraser, C. K. 16
Frazer, W. P. 62
Free time 38, 39
Freeman, G. 62
Fritz, M. 16
Fugate, R. C. 49
Fulmer, W. H. 42
Fulp, J. F. 57
Fulton, J. O. 42
Fulton, M. N. 18
Funds, loan 40
Gardner, C. E., Jr. 6, 15, 17, 32
Gardner, G. H. 18
Gaskel, J. 62
Gay, C. H. 62
General statement 19
General Surgery 32
Genge, C. D. 62
Gengenbach, F. P. 18
Geographical Distribution of Graduates
 of the School of Medicine 66
German, requirements 25
Germer, H. R. 57
Gibbes, J. H. 18
Gibbons, J. J., Jr. 42
Gill, A. J. 49
Gill, D. C. 49

Ginn, S. A.	42	Interne staff	16
Glass, W. H.	49	Ivie, J. McK.	50
Goddard, D. W.	43	Jacobs, J. E.	11, 15, 32
Goddwin, R. H.	62	Jeans, P. C.	18
Gonder, T. A., Jr.	49	Jelks, E.	18
Goodman, E.	22	Jenkins, A. M.	57
Gorfain, A.	62	Jenkins, R. T.	57
Gose, A. C.	49	Johnson, R. E.	43
Government, Student	24	Johnson, R. L.	18
Graduates obtaining the required two years of hospital or laboratory training	56	Johnston, C.	7, 14, 17, 30
Graduates who have completed satisfac- torily two or more years of hospital or laboratory training	60	Joistad, A. H.	50
Graves, R. W.	10, 27, 62	Jones, J. M.	15, 57
Gray, C. L., Jr.	50	Jones, P. H., Jr.	18
Greenfield, J.	59	Jones, R. O.	58
Gynecology	34, 39	Jones, R. R., Jr.	7, 15, 17, 32
Haas, W. R.	50	Jones, T. T.	14, 30
Haines, C. E., Jr.	50	Journals, medical	24
Haines, R. F.	43	Joyner, A. L.	63
Hall, C. F.	52	Joyner, G. W.	11, 15, 32, 63
Hall, S. C.	14, 30	Joyner, R. N.	63
Halton, W. L.	62	Junior medicine	31, 38
Hamblen, E. C.	7, 15, 34	Surgery	39
Hanes, F. M.	7, 14, 17, 30	Junior, senior students	47
Hansen-Prüss, O. C. E.	7, 14, 30	Kaufman, W. H.	50
Hare, R. A.	62	Kavanagh, W. P.	58
Hargett, E. R.	16	Kelley, J. W.	43
Harrell, G. T., Jr.	16, 57	Kelley, W. H.	7, 14, 30
Harris, H. P., Jr.	57	Kempner, W.	7, 14, 30
Harris, J. S.	11, 15, 16, 27, 35	Kendrick, C. M.	57
Harris, W. W.	43	Kennon, B. R. III	63
Harrison, E. K.	11, 15, 34	Kerner, J. W.	50
Harshman, L. D.	43	Kernodle, H. B.	45
Hart, D.	7, 14, 17, 32	Kernodle, J. R.	45
Harvey, H. I.	50	King, J. T., Jr.	18
Hasler, W. T., Jr.	62	Kinney, T. D.	50
Hastings, W. D., Jr.	50	Kleckner, O. F.	63
Hawes, C. J.	43	Klein, J. R.	11, 27
Hawkins, W. C.	43	Klenner, F. R.	58
Haymond, W. V.	45	Kline, B. S.	18
Heames, C. C.	45	Kondritzer, A. A.	11, 27
Heinitsh, G.	11, 15, 32, 63	Kornegay, R. D.	46
Henderson, A. F.	50	Kostant, G. H.	43
Herlinger, R. D.	18	Kubie, L. S.	18
Herrington, M. S.	50	Kuhn, H. H.	43
Hetherington, D. C.	7, 27	Laperal, T.	43
Hiatt, J. S., Jr.	43	Larsen, C. Jr.	46
Hickman, H. S.	50	Latchem, C. W.	46
Histology	38	Laundry	40
Hobgood, R. N.	14	Lawrence, J.	51
Holscher, E. C.	11, 15, 32	Leach, C. E.	11, 15, 31, 58
Hollinshead, W. H.	7, 27	Lee, A. F.	51
Hollister, W. F.	50	Lee, L. E., Jr.	51
Holman, E. F.	18	Leff, W. A.	51
Holt, L. E., Jr.	18	Legal Medicine and Toxicology	36
Holtz, H. M.	57	Lepore, M. J.	11, 15, 31
Hooker, D.	18	Lesko, J. M.	51
Horack, H. M.	50	Letzing, C. A.	14
Hornick, N.	50	Lester, D. W.	58
Hospital		Lewis, G. C.	63
Facilities	19	Lewis, J. H.	43
policy	19	Library	24
Teaching staff	14	committee on	17
Hospital rates	19	Lide, T. N.	51
Hutchison, J. L.	63	Lincicome, R. C.	46
Institutions at which the medical students were prepared	54	Lipton, M. M.	16
Instruction, departments of	27	List of medical students	42
Instruction, schedule of	38, 39	Loan funds	40
Internships	23	London, A. H., Jr.	15, 35
committee on	17	Lourdeaux, S. J.	43
		Lovejoy, J. F.	63
		Lovvell, D. L.	51
		Lucas, P. W.	46
		Lyon, G. M.	18

MacColl, W. A.	57	Nalle, B. C., Jr.	46
MacConnell, J. W.	18	National Board of Medical Examiners ..	40
Mahl, G. K.	63	Naumoff, F.	52
Major, R. H.	18	Neumaier, A.	58
Maness, P. F.	43	Neurophysiology	31
Margolin, S. J.	63	Newbern, W. R.	12, 27, 52
Margolis, G.	43	Newman, G. C.	46
Margolis, L. H.	43	Nicholson, W. M.	8, 14, 27, 30
Marion, D. F.	58	Nickau, R. H.	46
Markham, C. B.	4	Nisbet, D. S.	44
Martin, D. S.	8, 14, 30	Nitschke, R. E.	52
Martin, D. W.	51	Nixon, P. I., Jr.	46
Martin, E. W.	14, 17, 22	Nixon, R. R.	44
Martin, J. R.	51	Nursing, School of	21
Marsicano, A. R.	51	Nutrition	38
Martzloff, K. H.	18	Obstetrics	34, 39
Massengill, G. K., Jr.	58	Officers of Administration	4
Mathematics, requirements in	25	Ophthalmology	33, 39
Mattocks, T. R.	46	Orgain, E. S.	8, 14, 28, 30
Mayer, W. F.	18	Orthopedics	33, 39
McAllister, H. A.	51	Osler, W.	24
McAnally, W. J., Jr.	46	Otolaryngology	34, 39
McBryde, A. M.	8, 15, 35, 36	Ould, C. L.	52
McCain, P. P.	8	Owens, F. L.	64
McCann, W. S.	18	Pachman, D. J.	12, 15, 35, 64
McClure, R. D.	18	Palen, G. M.	46
McCracken, J. P.	51	Palmer, C. B.	18
McCrea, F. D.	8, 17, 28	Paquet, J. F.	44
McCulloch, H.	18	Parker, E. F., Jr.	64
McGill, C.	18	Parrish, A. A.	46
McLawhorn, B. C.	58	Parsons, P. B.	16, 58
McMillan, R. L.	11, 15, 30, 63	Pate, A. H.	52
McNamara, P. J.	51	Pathology	28, 38
McPharlin, M. G. H.	43	Patients, public ward	19
Medical care	24	private	20
Medical journal	24	Paullin, J. E.	18
Medical students, institutions at	54	Pearse, A. S.	8
which prepared	54	Pearse, R. L.	12, 16, 35
Medical students, the states in	55	Pediatrics	35, 39
which born	55	Peele, T. L.	58
Medicine	30	Perry, J. McG.	52
Doctor of	26	Penfield, W.	18
(Junior)	31	Perlzweig, W. A.	8, 14, 17, 27
(Senior)	39	Perry, R. M.	52
Menefee, E. E., Jr.	16, 58	Persons, E. L.	8, 14, 17, 30
Merkley, H. E.	46	Pharmacology	28, 38
Meyer, F. P., Jr.	46	Phillips, W.	52
Michel, H. O.	11, 27	Physical diagnosis	31, 38
Mickey, H. C.	14	Physics, requirements in	25
Microscopes	40	Physiology	28, 38
Microscopy, clinical	31, 38	Pickett, H. F.	14
Mikell, R. F.	63	Pishko, M. T.	58
Miller, B. N.	11, 15, 31, 58	Plyler, M. T., Jr.	64
Miller, R. P.	43	Policy of hospital	19
Mills, W. H.	43	Poole, A. K.	18
Montgomery, C. F.	64	Poole, P. P.	44
Moore, F. R.	52	Porter, R.	14
Morfit, H. M.	46	Postgraduate clinics	22
Morgan, J. E.	11, 14	Postgraduate study (medicine)	22
Morrison, A. W.	18	(nursing)	21
Morrow, A. S.	52	(public health)	36
Morrow, R. C., Jr.	46	Postlethwait, R. W.	52
Morton, H. G.	52	Poston, M. A.	12, 30
Moseley, V.	52	Powell, W. F.	52
Moser, L. A.	46	Preston, J. F., Jr.	16, 28, 58
Moss, J. E.	43	Preventive medicine	36
Motley, E. R., Jr.	43	Private diagnostic clinic	21
Mulholland, H. B.	18	Private patients	20
Mullen, R. M. II	64	Private room rates	20
Muller, M. H.	14, 22	Provinsky, L. B.	52
Munroe, C. A.	46	Psychiatry	38
Munroe, H. S., Jr.	16, 58	Public Dispensary	20, 21
Munson, H. T. E.	46	Staff	14, 15, 16
Murphy, J. B.	18		

- Public health 36
 Public ward patients 19
 Pudenz, R. H. 58
 Pyle, L. A., Jr. 46
- Quarters 38, 39
 Query, R. Z., Jr. 12, 15, 30, 31, 64
- Ralston, R. H. 64
 Raney, R. B. 12, 15, 32
 Rankin, W. S. 8
 Raper, J. S. 12, 27, 52
 Rasmussen, L. P. 58
 Reamer, I. T. 14
 Reed, H. L. 52
 Reeves, R. J. 9, 14, 34
 Regional representatives 18
 Regulations, fees and expenses 40
 Reid, M. R. 18
 Reiser, R. 12, 30
 Rent, rooms 40
 Representatives, regional 18
 Reque, P. G. 64
 Requirements, advanced standing 25
 B.S. degree (medicine) 26
 B.S. degree (nursing) 21
 entrance 25
 M.D. degree 26
 School of Dietetics 22
 School of Nursing 21
 Research fellowships 40
 Residencies 23
 Resident staff 14
 Ricker, W. G. 18
 Ricketts, E. T. 58
 Ridges, A. J. 18
 Roberts, L. C. 12, 15, 32, 64
 Roberts, R. W. 44
 Robinson, D. H. 59
 Robinson, F. H., Jr. 59
 Rockwell, F. V. 16
 Roentgenology 34
 Roll of students 42
 Room-rent 40
 Ross, I. S. 12, 27, 53
 Ross, R. A. 9, 15, 17, 34
 Ross, W. T. 53
 Rothey, K. B. 64
 Ruby, N. 64
 Rucker, E. M. 12, 16, 35, 64
 Rumpasos, S. 53
 Ruffin, J. 9, 15, 30
 Rutherford, R. T., Jr. 44
 Rysanek, W. J., Jr. 46
- Sachs, J. W. 53
 Saleeby, D. N. 44
 Sanger, B. J. 18
 Sanger, P. W. 12, 15, 32
 Sapp, C. J. 44
 Sawyer, L. E. 46
 Saxe, L. J. 64
 Scadron, E. N. 64
 Schanher, P. W., Jr. 47
 Schedule of Instruction 3, 49, 51, 51
 Public dispensary 20
 Schiebel, H. M. 12, 15, 32
 Schmidt, R. E. 59
 Schnoor, T. G. 47
 Scholarships 40
 School of Dietetics 22
 Medicine, Curriculum 37
 Nursing 21
- Schulze, W. 16, 59
 Science, Bachelor of (medicine) 26
 (nursing) 21
 Scientific journals 24
 Sealy, W. C. 16
 Second-year curriculum 38
 Seitz, G. D. 12, 16, 35
 Self, W. O. 53
 Semmes, R. E. 18
 Senior (medicine) 39
 Surgery 39
 Senior students 47
 Shands, A. R., Jr. 9, 14, 17, 32, 36
 Sharpe, W. E., Jr. 64
 Sheehy, J. E. 53
 Sherwood, M. M. 35
 Shields, R. A., Jr. 44
 Shields, R. K. 59
 Shinnars, B. M. 51
 Shipp, M. E. 12, 27
 Siegel, I. M. 65
 Siels, P. M. 44
 Silver, G. A. III 53
 Simpson, P. E. 44
 Slemmons, J. M. 18
 Smith, A. R. 65
 Smith, A. T. 15
 Smith, D. T. 9, 14, 15, 17, 30, 36
 Smith, J. G. 65
 Smith, R. C. 47
 Smith, S. G. 8, 17, 30
 Snively, M. H. 22
 Snowden, R. R. 18
 Sotinion, G. A. 44
 Speir, R. C., Jr. 44
 Spence, W. C., Jr. 44
 Spence, W. T. 59
 Spring, W. C., Jr. 53
 Spring quarter 38, 39
 Sprunt, D. H. 9, 15, 17, 28
 Staff, administrative 14
 Staff, attending 14
 Staff, public dispensary 14
 Staff, resident 15
 Staff, technical 14
 Stark, S. 47
 Statement, general 19
 States in which the medical
 students were born 55
 Stayer, G. E. 12, 16, 32, 59, 65
 Steiger, H. R. 44
 Stevens, J. B. 16, 28, 59
 Stevenson, F. E. 9, 35
 Stevenson, R. R. 65
 Stevick, C. P. 16, 53
 Stifel, J. L. 18
 Stith, R. B., Jr. 59
 Stocksdales, H. I. 4
 Stone, R. E. 13, 15, 31
 Storey, W. D. 49
 Strawn, L. M. 47
 Street, D. M. 16, 28
 Street, M. E., Jr. 53
 Strickland, B. A. 65
 Stroud, G. M. III 53
 Stuart, E. C., Jr. 16
 Student Government 24
 Student Technicians
 committee on 17
 Students by classes 54
 Students, first year 42
 Students, second year 45
 Students, junior 47
 Students, senior 47

Study, postgraduate (medicine)	22	Veale, N. C.	54
(nursing)	21	Venning, W. L., Jr.	44
(public health)	36		
Styron, C. W.	53	Waddell, M. C.	65
Summary of curriculum	39	Wadsworth, J. A. C. II	47
Summer quarter	38, 39	Walker, R. H., Jr.	13, 15
Surles, D. L.	47	Walp, F. M. J.	47
Surgery	32	Walsh, R. E.	44
(Junior)	39	Wannamaker, W. H.	4
(Senior)	39	Ward rates	19
Swett, F. H.	9, 17, 27	Watson, G. A., Jr.	47
Swingle, H. F., Jr.	59	Weatherford, W. J.	65
Szanton, V. L.	59	Webb, R. C.	47
		Webster, M. D.	13, 28
Tannenbaum, A. J.	59	Webster, N. M.	54
Taylor, H. G.	44	Weeks, K. D.	47
Taylor, H. M.	9, 15, 17, 27, 36	Weitz, F.	16
Taylor, W. L., Jr.	65	Welch, J. H.	44
Terms, dates	3, 38, 39	Wells, W. L.	13, 27, 54
Thetford, J. D.	47	Wesson, T. W.	59
Third-year class	47	Weston, W.	18
Third-year curriculum	38	Wexler, I. B.	47
Thomason, R. H.	59	Weyant, E. A.	44
Thompson, M. D.	18	Whilden, J. G.	54
Thornhill, E. H.	53	Whitaker, C. S.	54
Three quarter schedule	38	Whitaker, R. B., Jr.	45
Timmons, J. R.	47	White, M. B.	59
Trachtenberg, W.	47	Whitley, R. M., Jr.	45
Trout, H. H.	18	Wilbur, E. L.	13, 16, 28
Troxler, E. R.	53	Wiley, W. R.	65
Tuition, School of Medicine	40	Wilkinson, W. E.	65
School of Nursing	21	Williams, J. E.	66
Tullis, J. L.	44	Williams, R.	16
Tupper, J. A.	44	Willis, C. A.	59
Turner, A. F.	59	Wilson, J. R.	66
Turner, L.	47	Wilson, J. S.	54
		Wilson, R. A.	47
Uhde, G. I.	59	Wilson, W. W.	54
Upchurch, S. E.	13, 15, 32	Winter quarter	38, 39
Upchurch, T. G.	65	Women students	25
Urology	34, 39	Wood, C. T.	66
		Wood, R. C.	45
Vacation dates	3	Woodruff, W. E.	45
VanArsdall, C. B., Jr.	53	Woolsey, F. M., Jr.	54
Vanhoy, J. M.	53	Wyvell, D. B.	54
Varnier, P. H.	53		
Vaughan, W. W.	13, 34	Yates, A.	10, 15, 27

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BULLETIN OF DUKE UNIVERSITY

Forestry



PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

ANNUAL CATALOGUES AND BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

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For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

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For BULLETIN ON FORESTRY, apply to *The Director, Duke Forest*, Duke University, Durham, N. C.

For BULLETIN OF THE SUMMER SCHOOLS, apply to *The Director of the Summer Schools*, Duke University, Durham, N. C.

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OF
DUKE UNIVERSITY



FORESTRY
ANNOUNCEMENTS FOR 1937-1938

DURHAM, NORTH CAROLINA
1937

TABLE OF CONTENTS

	PAGE
UNIVERSITY CALENDAR.....	5
ADMINISTRATIVE OFFICERS.....	7
DUKE FOREST STAFF.....	7
INSTRUCTIONAL STAFF.....	8
FORESTRY IN DUKE UNIVERSITY: GENERAL STATEMENT.....	9
EDUCATIONAL FACILITIES.....	10
THE DUKE FOREST.....	11
THE ARBORETUM.....	14
SCHOLARSHIPS AND FELLOWSHIPS.....	15
REQUIREMENTS FOR ADMISSION.....	17
GRADUATE STUDY IN FORESTRY AND DEGREES.....	18
COURSES AND SUBJECTS OF INSTRUCTION.....	23
FEES AND EXPENSES.....	25

CALENDAR

1937

- June 9. Wednesday—Registration of students for Summer School, first term.
- June 10. Thursday—Instruction begins for Summer School, first term.
- July 1. Thursday—Registration of students for Summer School, middle term.
- July 2. Friday—Instruction begins for Summer School, middle term.
- July 5. Monday—Independence Day: a holiday.
- July 19-20. Monday, Tuesday—Final examinations for Summer School, first term.
- July 21. Wednesday—Registration of students for Summer School, last term.
- July 21. Wednesday, 2:30 P.M.—Instruction begins for Summer School, last term.
- Aug. 9-10. Tuesday, Wednesday—Final examinations for Summer School, middle term.
- Aug. 30-31. Monday, Tuesday—Final examinations for Summer School, last term.
- Sept. 16. Thursday, 9:00 A.M.—Dormitories open to Freshmen.
- Sept. 16. Thursday, 8:00 P.M.—Assembly for all entering Freshmen; Freshman Orientation Program begins.
- Sept. 18. Saturday, 4:00 P.M.—First regular meeting of the Council on Freshman Instruction.
- Sept. 21. Tuesday—Freshman instruction begins.
- Sept. 21. Tuesday—Registration and matriculation of new students with advanced standing.
- Sept. 22. Wednesday, 11:00 A.M.—Formal opening of the College; registration of matriculated students.
- Sept. 23. Thursday—Instruction for Sophomores, Juniors, and Seniors begins.
- Sept. 23-25. Thursday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-4:00 P.M.; Friday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-5:00 P.M.; Saturday, 9:00 A.M.-1:00 P.M.—Registration of graduate students.
- Nov. 11. Thursday—Armistice Day.
- Nov. 25. Thursday—Thanksgiving Day: a holiday.
- Dec. 11. Saturday—Duke University Day.
- Dec. 20. Monday, 1:00 P.M.—Christmas recess begins.

1938

- Jan. 3. Monday, 8:00 A.M.—Instruction is resumed.
- Jan. 20. Thursday—Mid-year examinations begin.
- Jan. 31. Monday—Last day for matriculation for second semester.

- Feb. 1. Tuesday—Second semester begins.
- Feb. 22. Tuesday—Washington's Birthday: a holiday.
- March 30. Wednesday, 1:00 P.M.—Spring vacation begins.
- April 6. Wednesday, 8:00 A.M.—Instruction is resumed.
- April 15. Friday—Last day for submitting orations for Wiley Gray Contest.
- April 30. Saturday—Last day for selection of courses for ensuing year.
- May 23. Monday—Final examinations begin.
- June 4. Saturday—Commencement opens; Senior Class Day; meeting of the Board of Trustees.
- June 5. Sunday—President's Address to Graduating Class; Commencement Sermon.
- June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

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FORESTRY IN DUKE UNIVERSITY

GENERAL STATEMENT

Duke University, located at Durham, North Carolina, comprises Trinity College, the Woman's College, the Graduate School of Arts and Sciences, the Schools of Religion, Law, Medicine, and Nursing, and the Duke Forest. Forty-one states of the Union and several nations are represented in the student body of more than thirty-three hundred, not including the enrollment in the Summer Schools.

The University goes back in its origin to 1838, when Union Institute was founded in Randolph County by the Methodists and Friends. In 1851 the institution became Normal College, being one of the first institutions in America for the training of teachers. In 1859 the name was changed to Trinity College and so continued until 1924, when the College became a part of Duke University.

The expansion resulted from a provision in an indenture of trust, executed December 11, 1924, by James Buchanan Duke, by virtue of which a great benefaction was placed at the disposal of humanity through provisions for hospitalization, church work in the rural districts, and education, the principal feature of the latter being the provision for Duke University. Previous to the indenture, Mr. Duke himself, his father Washington Duke, and his brother Benjamin N. Duke had for many years been the chief benefactors of the institution.

The University is located on two campuses. The Woman's College campus, with its 108 acres of ground, was formerly the campus of Trinity College. About a mile away is the campus of the new units of the University, consisting of 467 acres. The new campus, also known as the West Campus, was first occupied in September, 1930.

Forestry in Duke University began early in 1931 when, through placing the Duke Forest under intensive management for forestry purposes, a substantial beginning was made in laying the foundations for educational work and research in forestry.

A pre-forestry curriculum was organized in Trinity College of Duke University in 1932. This group of studies is designed for students who intend to pursue the study of forestry, particularly as a profession, after graduation from college (see *Announcement on Undergraduate Instruction in Duke University*). The four years are given very largely to fundamental and auxiliary subjects basic to a proper understanding of the highly specialized work in technical forestry. Work in technical forestry leading to the professional degrees is not now available in the University. Students graduating from the pre-forestry curriculum will be permitted to pursue graduate studies only in forest-tree physiology, wood anatomy and properties, silvics, forest soils, and forest mensuration.

Duke University is now prepared to offer, through the Graduate School of Arts and Sciences, graduate work in the more scientific aspects of forestry, especially forest-tree physiology, dendrology, wood anatomy and properties, silvics, forest soils, silviculture, forest management, and forest mensuration, leading to the Master of Arts and Doctor of Philosophy degrees. This work will be available to graduates of schools of forestry of recognized standing, and to college or university graduates holding the Bachelor's degree with their major work in appropriate scientific subjects. Undergraduate subjects which the college student, who does not have forestry training but who is contemplating advanced work in forestry, should take as preparation for this work may be illustrated as follows: at least two full years in botany, including general morphology or anatomy, the taxonomy, physiology, and ecology of plants; at least one course in zoology or general biology; courses in chemistry, physics, geology, economics, mathematics; and at least two years of French or German.

EDUCATIONAL FACILITIES

Ample facilities for pursuing studies in the fundamental and auxiliary subjects basic to forestry are available in the University.

Forestry is located in the Biology Building along with the Departments of Botany and Zoology. The Biology Building contains classrooms, laboratories, offices, a library, three refrigerated rooms, an incineration room, a workshop, and eight dark-rooms. Laboratories are provided for advanced work in plant physiology, plant anatomy, plant taxonomy, genetics, plant ecology, forest pathology, dendrology, wood anatomy and properties, and the several branches of zoology. A well equipped soils laboratory is now available for instruction and research in forest soils. The laboratories and rooms for students doing research are equipped with vacuum, compressed air, direct and alternating electric current, gas, and running water. Equipment and materials are available for research in silvics, forest soils, forest management, forest-tree physiology, forest pathology, and forest mensuration.

The forestry section of the Library contains a growing collection of material on forestry, soils, and closely related subjects. It includes important books and periodicals in English and in French, German, and certain other foreign languages. The Library is well provided with American material, including Federal and State documents and reports. Over 150 periodicals and serials of importance in forestry and related fields are received by subscription or exchange.

Large greenhouses, connected to the Biology Building through a soil-storage and work room, provide adequate space for experimental work.

A nursery has been established by the University for the joint use of the Sarah P. Duke Floral Garden and the Botany and Forestry Departments. The forestry section of this nursery will be used mainly for the growing of planting stock for the Arboretum and trees needed for research or other special purposes.

THE DUKE FOREST

The Duke Forest, located in Durham and Orange counties, North Carolina, consists of three main units; namely, the Durham, New Hope Creek, and Hillsboro divisions. Early in the development of Duke University, it was recognized that the possession of such an area offered an unusual opportunity for the development of educational work in forestry.

Situated in the lower Piedmont region at elevations ranging from 280 to 650 feet, composed of second-growth shortleaf and loblolly pines, oak, gum, hickory, maple, yellow poplar, ash, and other hardwoods, the Forest is representative of the various types of timber growth found throughout the region. Over a hundred different species of trees are found within or near the Forest. The land is rolling and there is relatively little rock outcrop, swamp, or other land of low productivity for timber growing. The total area of the Forest proper, exclusive of the University campus, was 4,696 acres in 1931. This area, according to the 1931 inventory, was distributed among the different forest cover types as follows:

COVER TYPES	<i>Area in Acres</i>
Pine Types	
Shortleaf Pine	783
Loblolly Pine-Shortleaf Pine	567
Loblolly Pine	318
Shortleaf Pine-Virginia Pine	20
Total	1,688
Pine-Hardwood Types	
Shortleaf Pine-Oak	648
Loblolly Pine-Oak	130
Shortleaf Pine-Red Gum	37
Loblolly Pine-Red Gum	16
Virginia Pine-Southern Red Oak	7
Total	838
Upland Hardwood Types	
White Oak-Black Oak-Red Oak	518
White Oak-Post Oak	41
Post Oak-Blackjack Oak	7
White Oak	3
Total	569
Bottomland Hardwood Types	
Red Gum-Yellow Poplar	278
River Birch-Sycamore	37
Total	315
Open Land	1,286
Total for Forest	4,696

The Forest is admirably located for research in forest soils of the Piedmont region because of the diverse soil conditions that obtain within the area. Representative Piedmont soils derived from sedimentary, metamorphic, and igneous rocks are present.

In developing the Duke Forest the following objectives are being emphasized:

1. Demonstration of the various methods of timber growing, silvicultural treatment, and forest management on a practical and economic basis.

2. Development as an experimental forest for research in the problems of timber growing and in the sciences basic thereto. In spite of the present timber situation and the accompanying economic ills, the technical and scientific knowledge required to handle forest crops efficiently on a permanent basis is still largely lacking. The Duke Forest affords a place where investigations may be carried on to augment this knowledge for the large region of which the local forest and soil conditions are representative.

Forest research and forestry education in America are still in their infancy—the first forest experiment station was established in 1908 and the first forestry school in 1898. The time intervening since then is very short compared with the life of a forest, usually less time than that required to mature a single crop of timber. In Europe forest research has been under way at forest experiment stations for over a hundred years.

3. To serve as an outdoor laboratory where field work can be carried on by forestry students under the guidance of the Forestry Faculty. One of the most difficult problems in forestry education is to bring the students into contact with the realities of professional activities. Every professional school has an analogous problem. A forest is as essential for the training of a forester as a hospital for that of a physician or surgeon, or a practice court for that of the lawyer, and the longer a forest has been under management, the more instructive it is to professional forestry students. With all operations in the Forest, both routine and investigative, recorded annually, it is possible for a qualified man to get in a short time a degree of practical knowledge or technical expertness which only an organized forest can provide.

The Duke Forest is particularly well located to fulfill this need, in that most of it is adjacent and easily accessible to the University campus. In fact, the Durham Division practically surrounds the main campus since the new campus was laid out in one corner of the Forest. A paved State highway runs lengthwise through the Durham Division, and several good roads cross the Forest. About fifteen miles of improved woods roads make all parts of the Forest readily accessible. A five-minute walk will take one well into the Forest, and any part of the Durham or New Hope Creek divisions can be reached by automobile in ten to twenty minutes. At few other places in America can be found facilities for forestry training and research which include the necessary

forest literally at the door of a large university with its instructional, laboratory, and library facilities.

Although the Forest has been but recently organized, considerable progress has been made toward carrying out the principal objectives recognized at the outset.

Most of the 1,286 acres of open land is, or until recently has been, cultivated. Such of the open land as is not restocking naturally to forest trees is being planted. The reforestation of open lands is a very important phase of the work of organizing the Duke Forest as a demonstration and research area and as an outdoor laboratory. Here students will have an opportunity to study at firsthand the results of many experimental plantations prepared for them in advance. Arbitrarily by mixing species and varying the spacing between the trees in the plantations now being made, the foundation is laid for future research into many perplexing problems, such as species relationships and requirements, the most desirable spacings and species to use in this region, and the survival and relative rates of growth of the different species of trees.

In many of the plantations different methods of mixing species of trees have been used. These have ranged from planting pure stands of one species to alternating species by groups of rows and even to alternating species within groups of rows, thus creating a checkerboard effect. Also numerous variations have been made in the distance between trees and between rows. Many of the plantations thus assume a demonstration and experimental aspect. All the plantations have been mapped, and careful records are kept to determine the relationships between species, whether pure or mixed plantations are the best, what method of mixtures is the most successful, what is the most desirable spacing to use, and many other points of technical information, as yet unknown for this region. Approximately five hundred acres of such plantations have been established to date.

Over fifty permanent sample plots, ranging in size from one-tenth acre to one acre, have been laid out in the Forest to study various problems. The plots are distributed through all the forest types, and range in purpose from studies of the effects of various silvicultural practices to studies of rates of growth and yields of the different timber types. More plots are being established as rapidly as time and expense will permit. Accurate records are kept on all this work, which will provide excellent material for student research. In the future many of these plots can also be used to demonstrate desirable forestry practices.

The work of putting the Forest under intensive management is well under way. A complete inventory of the Forest has been made, and tabulations showing the present volume and annual growth of each separate timber stand are at hand. A forest type and timber stand map for each of the three divisions has also been completed. Each division has been subdivided into permanent compartments, and recommendations for the silvicultural treatment of the separate stands in each compartment, to be

embodied in a management plan, are being formulated. Cutting operations within the limits of annual growth are being carried on, and as markets for definite products are developed or expanded such operations will be increased. To date, approximately 350 acres in the pine types have been thinned. These thinnings serve the dual purpose of contributing to the operation of the Forest as a going business and of demonstrating sound forestry practices. An efficient fire protection organization has been developed in co-operation with the State and Federal governments, and forest fire losses are being held to a minimum. In managing the Forest, public recreation activities are recognized. Several recreation areas have been established and over ten thousand picnickers, hikers, and horseback riders use the area annually. The Durham and New Hope Creek divisions of the Forest, together with several hundred acres of neighboring privately owned land, are incorporated in an Auxiliary State Game Refuge to give the necessary protection which will ultimately result in an increased amount of game in the surrounding territory. Records are being maintained of all activities in the Forest, and these records will become increasingly useful as they are improved as a result of further experience and research. With the diversification and expansion of activities now going on, the student will have an opportunity to study an operating forest in all its phases and to obtain a grasp of the proper balance between theory and practice.

An exceptionally good opportunity exists for the conduct of forest research by graduate students due to the wide range in forest types, ages, and soil conditions within the Forest and its proximity to the laboratories, greenhouses, and other scientific equipment and library facilities of the University. Research has already been started on special problems, particularly in the fields of silvics, forest soils, forest-tree physiology, silviculture, and forest management. The Forest is used not only for research in forestry but also for research in forest biology by members of allied departments.

THE ARBORETUM

A feature which will be of outstanding value in the teaching of both forestry and botany in the future is the provision for development of an arboretum. In their annual meeting on June 4, 1934, the Board of Trustees of Duke University, upon the recommendation of their Forestry Committee, voted to set aside permanently an area of over three hundred acres in the Forest to be used for arboretum purposes. The area lies adjacent to the main University campus immediately across the road from the Chapel.

Through the generosity of Mr. W. W. Flowers, of New York, a member of the Class of 1894 and a Trustee of the University, it has been possible to develop preliminary plans and to make the initial plantings. This is naturally a long-time project, and many years will elapse before the Arboretum will be most useful and most attractive. The University

Trustees' Committee on Forestry in their report to the Board refers to the Arboretum as follows:

"The Arboretum should serve as a station for the study of trees and woody plants as individuals and in small groups in their scientific relations, economic properties, and cultural characteristics, requirements, and possibilities. It should render an economic service by acting as a research laboratory where trees and shrubs can be studied from the viewpoint of a fuller utilization of their commercial possibilities. It should render a cultural service by serving as a center where foresters, landscape architects, nurserymen, gardeners, and the general public may increase their knowledge of indigenous trees and shrubs and where they may become acquainted with the foreign species that can be grown here. Within the University the Arboretum will supply living specimens and material for several branches of botany and forestry."

The development of the Arboretum will proceed along these lines as rapidly as available funds and planting stock will permit.

SCHOLARSHIPS AND FELLOWSHIPS

A limited number of graduate scholarships and fellowships are available to men who offer promise of becoming leaders in the forestry profession. These will be available to men of high character and marked scholastic ability, who merit financial aid, as judged by their education, experience, and personal references.

The annual stipend of these scholarships and fellowships range from two hundred and fifty dollars (\$250) to six hundred and fifty dollars (\$650); the exact amount awarded to each successful applicant will vary with his qualifications. Holders of scholarships and fellowships will be expected to pay the tuition fee and such additional fees as are regularly required.

The following arrangements apply to the scholarships and fellowships:

1. The applicant must have received a degree either from a professional school of forestry of good standing or must be a graduate of a recognized college or university. Candidates not graduates of schools of forestry must have had the major work for their degree in botany or soil science and in the allied basic sciences. In addition, he must have reasonably high scholarship to be admitted to full standing in the Graduate School of Arts and Sciences. In general, preference will be given to men who have already obtained technical or professional training as represented by a degree from an accredited school of forestry and who have a reading knowledge of French and German.

2. It is highly desirable that a candidate for a scholarship or fellowship state in his application as specifically as possible the problem which he wishes to study. The definite selection of a suitable problem—one that is specific and affords training both in fundamentals and in technique—is very helpful to the committee on awards.

3. Holders of scholarships and fellowships may become candidates for the Master of Arts or the Doctor of Philosophy degrees when they have met the requirements for admission to candidacy for these degrees.

4. Holders of scholarships and fellowships shall devote at least nine consecutive months to an approved program of work in forestry. While in residence they will be expected to do a limited amount of assisting.

5. Application blanks for scholarships and fellowships may be obtained by writing to the Director, Duke Forest, Duke Station, Durham, North Carolina. When the blank has been filled out by the applicant it should be returned to the above address, and *must be accompanied by an official transcript of record* showing college or university credits. The application and transcript must be filed not later than March 15 for the following academic year. In case vacancies occur, applications submitted on a later date will be considered.

REQUIREMENTS FOR ADMISSION

GENERAL REQUIREMENTS

Students who have received a Bachelor's degree for a four-year undergraduate course from a college of sufficiently high standing may be admitted to take courses in the Graduate School of Arts and Sciences of Duke University. The department concerned will determine whether a student is prepared to take any particular course. *Admission to graduate courses does not necessarily imply admission to candidacy for a degree.* A candidate for admission as a graduate student should present satisfactory evidence that he has received a Bachelor's degree from a college or university which is a member of the Association of Colleges and Secondary Schools of the Southern States or of one of the similar associations in other sections of the country (provided that the degree must have been conferred after the admission of the college or university to membership in said association); or from a North Carolina college whose Bachelor of Arts' or other Bachelor's degree is accepted by the State Department of Education as the basis for issuing the high-school or primary certificate of Class A. A degree from an institution outside of the state of North Carolina, not provided for above, may be accepted when an investigation in the individual case shows that qualifications are satisfactory.

No college or university work taken before the Bachelor's degree is conferred, or fully earned, may be credited toward an advanced degree except under the following circumstances: A student of Duke University who lacks at the beginning of a term not more than nine semester-hours of fulfilling the requirements for the Bachelor's degree may obtain permission from the Dean of the Graduate School to take during the term graduate courses sufficient to bring his total work to fifteen hours a week. Such graduate courses will be credited toward the degree of Master of Arts.

No graduate student may register in one academic year for more than twenty-four semester-hours of work and a thesis.

SPECIAL REQUIREMENTS

In addition to the above general requirements, the following special conditions will influence the acceptance of students for graduate study in forestry. The student must have received a degree from a professional school of forestry of recognized standing or from an approved college or university. College graduates who have had specialized training in botany or soil science and in allied basic subjects, such as physics, chemistry, geology, and zoology, may pursue graduate study and research only in the specialized fields for which their previous work has qualified them.

The Forestry Staff will determine whether a student has qualified to pursue graduate study in any of the special fields of forestry in which work is available.

GRADUATE STUDY IN FORESTRY AND DEGREES

GENERAL REQUIREMENTS FOR DEGREES

The following general requirements of the Graduate School apply to candidates for the Master of Arts and Doctor of Philosophy degrees:

ADMISSION TO CANDIDACY FOR A DEGREE

A graduate student who desires to be accepted as a candidate for a degree should file with the Dean of the Graduate School an official transcript of the record of his undergraduate work and also of any graduate courses he may have completed. He should also confer with the chairman of the department in which he desires to take his major work. Applications for admission to candidacy for the degree of Master of Arts should be made at the beginning of the first year of graduate work, and for the degree of Doctor of Philosophy early in the second year of graduate work. Before receiving recognition as a candidate for a degree, the student must satisfy both the general requirements of the Graduate School and the special requirements of the department in which he is taking his major work.

THE DEGREE OF MASTER OF ARTS

Candidates for the degree of Master of Arts are required to have a reading knowledge of two foreign languages, evidenced by examination or by credit obtained for at least six semester-hours of college work in each. If this requirement has not been satisfied before admission to candidacy for the degree, the required foreign language work must be completed before the degree is conferred and will not be counted for credit toward the degree. The two foreign languages offered must be acceptable to the department in which the candidate is taking his major work. Twice a year at stated times the language examinations will occur. The French examinations will be given the first week in November and the first week in March, while the German examinations will be given the second week in November and the second week in March.

To obtain the degree of Master of Arts a candidate must complete satisfactorily twenty-four semester-hours of graduate courses and a thesis. The credit for the thesis is six semester-hours. Each candidate for the degree must select a major subject in which the minimum requirement is twelve semester-hours and the thesis. [Before selecting his major in a department, a student must have completed a minimum of twelve semester-hours of approved *preliminary* courses in that department and twelve additional semester-hours either in that department or in related work.] A candidate must take six semester-hours of graduate work in a minor subject approved by the major department, and the remaining six semester-hours in the major or minor subjects or in a department approved by the major department and by the Graduate Council. No undergraduate course may be credited toward the degree of Master of Arts.

MINIMUM RESIDENCE REQUIREMENT

The minimum residence requirement of candidates for the Master's degree is one academic year. Often a longer period of residence will prove necessary. In the case of graduate students who take all the work for the Master's degree in the Summer School, the minimum residence requirement is five summer terms of six weeks each. All the work offered for the Master's degree must be completed within a period of six years.

THESIS FOR THE MASTER'S DEGREE

The title of the thesis required in partial fulfillment of the requirements for the degree of Master of Arts must be approved by the department or departments concerned and filed with the Dean of the Graduate School on or before November 15 of the academic year in which it is expected that the degree will be conferred.

Three (or, at the discretion of the department, four) bound typewritten copies of each thesis must be submitted to the Dean of the Graduate School in approved form on or before May 15 of the year in which the degree is conferred. The thesis is passed upon and accepted or rejected by an examining committee of three members of the Faculty. Two of the copies, the original and a carbon copy, are placed in the University Library. Each candidate is required to appear before the committee for a final examination. The oral portion of the examination will be at least one hour in length and will be either on the thesis or on the thesis and its related field; this choice and the length of the examination to be determined by the department with due consideration to the needs of the candidate and the subject matter of the thesis. The chairman of the committee will inform the other members of the committee of the character and scope of the examination.

CREDIT TOWARD THE MASTER'S DEGREE FOR WORK DONE ELSEWHERE

No credit toward advanced degrees is given for university extension or correspondence courses.

Not more than six semester-hours of credit toward the Master's degree may be given to graduates of Duke University or of other approved colleges or universities for acceptable graduate courses or research completed elsewhere. Such credit shall not shorten the minimum period of residence required at Duke University.

THE DEGREE OF DOCTOR OF PHILOSOPHY

A student who plans to enter upon a program of work leading to the degree of Doctor of Philosophy should consult, or enter into correspondence with, the Dean of the Graduate School or the chairman of the department concerned. He will then be advised as to the possibility of obtaining the necessary instruction and supervision of research in the desired field.

The Council on Graduate Instruction has adopted the following regulations governing the conferring of the degree of Doctor of Philosophy:

1. *The Degree.* The degree of Doctor of Philosophy is a research degree; it is not based merely upon the completion of a prescribed period of study or upon the obtaining of credit for a given number of courses. The granting of the degree will be based primarily upon evidence of high attainments in a special field of knowledge and upon the production of a thesis embodying the results of original research.

2. *Residence Requirements.* The normal period of resident graduate study, after the general requirements of admission to the Graduate School have been satisfied, is not less than three academic years. The candidate will be required to spend at least either the last year in actual residence at Duke University, or the first two years. A student whose undergraduate work is insufficient in amount or unsatisfactory in character may expect to spend additional time in preliminary courses essential as a basis for the graduate work he proposes to undertake. Credit for one year of work done in summer school sessions may be given with the approval of the Graduate Council and of the department in which the student takes his major work. Except in unusual cases, graduate work of fragmentary character taken over a long period of years, or work

completed many years before the student becomes a candidate for the degree at Duke University, will not be accepted as satisfying the requirements of residence.

3. *Application for Candidacy for the Ph.D. Degree.* A student desiring to become a candidate for the Ph.D. degree is ordinarily required to file with the Dean of the Graduate School, not later than the beginning of the second year of graduate work, a formal application indicating in what department and under what professor he proposes to carry on research. A committee will then be appointed to supervise the student's work, with the professor in charge of his research as chairman. If and when the committee finds that the preliminary requirements of the major department have been satisfied, the chairman of the committee shall report the fact in writing to the Dean of the Graduate School. The student's program of study will be arranged after consultation with this committee and must obtain its approval and that of the Graduate Council. In the case of students who come to Duke University for only the last year of graduate work, and in special cases approved by the Graduate Council, the application for recognition as a candidate for the Ph.D. degree may be filed later than provided above, but not later than October 15 of the academic year in which it is desired that the degree be conferred.

4. *Preliminary Examination.* Toward the end of the second full year of graduate work (or in special cases at the beginning of the third year), a preliminary examination of each candidate will be held covering the general field of his major subject. This examination will be conducted by the committee in charge of the student's work and will be either oral or written, or both, as the committee may determine. A student who passes this examination will be recognized as a candidate for the Ph.D. degree. At the discretion of a candidate's committee, the examination on his minor subject or subjects may be held at the time of his preliminary examination instead of at the time of his final examination.

5. *Program of Study.* The program of study of an applicant for the Ph.D. degree is subject to the approval of the Graduate Council and of the committee provided for in Section 3 above. The student must select a major field and one or two minor related fields. When a department offers instruction in a sufficient variety of subjects and the needs of the individual students seem to require it, the Graduate Council may permit a major and minor to be taken in the same department.

6. *Foreign Language Requirements.* A reading knowledge of French and German will ordinarily be required. A substitution for one of these languages may be made, however, by the consent of the Graduate Council and of the department in which a student takes his major work. The student will be examined on one of the foreign languages at the beginning of his second year of graduate work, and should qualify in both by the end of the second year of his graduate work. The department in which he takes his major work may indicate preference as to the language in which the student shall first be examined. Foreign language examinations will be conducted by the appropriate language department in conjunction with the department in which the student has his major field of work.¹

7. *Thesis.* The thesis for the Ph.D. degree must be a contribution to knowledge. The subject of the thesis must be filed with the Dean of the Graduate School on or before October 15 of the academic year in which the candidate desires to take the final examinations for his degree. The subject must receive the written approval of the chairman of the department in which the candidate has his major field of work and also of the professor under whom the thesis is being written. The thesis must be completed to the satisfaction of the professor under whom it is written, and four typewritten copies in approved form must be deposited with the Dean of the Graduate School on

¹ See University Calendar, pp. 5-6.

or before May 1, if the student desires to be examined on the thesis in the same academic year. Two of the copies, the original and a carbon copy, are placed in the University Library.

The title-page must be approved by the major department and by the Dean of the Graduate School.

The candidate's thesis must be published either in its original form or in a modified form approved by the Dean of the Graduate School and the committee in charge of the candidate's work. Copies of the published thesis should be deposited in the Graduate School Office as provided by regulations of the Graduate Council. The degree will not be conferred until publication of the thesis, in approved form, within three years, has been guaranteed in a way satisfactory to the Dean of the Graduate School and the professor under whom the thesis was written.

8. *Final Examination.* The final examination on the thesis and on the subject matter of the major and minor fields will be oral. The examination on both thesis and major and minor work will be held at the same time unless otherwise arranged by special permission of the Graduate Council.

SPECIAL REQUIREMENTS FOR DEGREES IN FORESTRY

The Master of Arts and Doctor of Philosophy degrees are attained through scientific work rather than technical or professional training in forestry. The student upon registration chooses a field of study which may lie in two or more departments. The members of the Graduate School Faculty best qualified in that field are named as the student's committee, regardless of the department of which they are members. This committee will advise the student in the planning and conduct of his work and will evaluate it when completed.

A reading knowledge of French and German must be acquired early in the course of graduate study in forestry because much of the forestry literature of the world is written in or has summaries in these languages. For the Ph.D. degree the language requirement must be met before the preliminary examination is taken and usually before the preparation of the thesis is begun.

The length of time required for a student to obtain the Master of Arts and Doctor of Philosophy degrees in forestry is determined by the character of his previous work and by the quality of his work in the Graduate School. Upon the recommendation of the Forestry Staff and with the approval of the Council on Graduate Instruction, work of equal grade done in residence at another college or university, or at a research station or institute not connected with a college or university, may be accepted toward a Ph.D. degree, but at least the last year or the first two years of graduate study must be spent in actual residence at Duke University. Only in connection with the preparation of the thesis will work be accepted that has been done elsewhere than in residence at a college, university, or research station.

Since much of the work of graduate students in forestry will have to be done in the Duke Forest during the summer while the trees are in an actively growing condition, it will frequently be necessary for students to be in residence during the summer.

The field of study may include advanced work in allied subjects as well as advanced work in forestry. However, the student should have covered most of the basic subjects prior to entering the Graduate School. The required advanced work will depend upon the student's previous training and the special field of study selected. Before beginning his work the student must obtain approval of his proposed program of study, including the plans for the research for his thesis. Courses of study must be correlated with each other and with the thesis research.

COURSES AND SUBJECTS OF INSTRUCTION

FOR SENIORS AND GRADUATES

224. Forest Pathology.—Special reference to diseases of forest trees. Offered in alternate years. Prerequisites: Botany 1 and 2, Forestry 153, or equivalents. **4 s.h. (w)**
PROFESSOR WOLF

253. Dendrology.—The characteristics and identification of trees and shrubs with special reference to species native to North Carolina and other important forest regions of the United States. Studies of special groups included. Prerequisite: two years of botany or forestry. **4 s.h. (w)**

ASSOCIATE PROFESSOR HARRAR

255. Forest Mensuration.—Scientific sampling methods and statistical analysis of forest mensuration data pertaining to the volume, growth, and yield of forest stands. Prerequisite: Forestry S151. **4 s.h. (w)**

PROFESSOR SCHUMACHER

257. Design of Forestry Experiments and Analysis of Data.—The rôle of experimental design in the field and laboratory, and the statistical analysis of data as aspects of the scientific method in forest research. Prerequisite: Forestry 255. (Students lacking Forestry 255 may take this course but must register for 5 s.h. and do additional work.) **4 or 5 s.h. (w)**

PROFESSOR SCHUMACHER

258. Wood Anatomy and Properties.—Anatomy, physical and chemical properties of wood. Macroscopic and microscopic identification of the more important woods of the United States. Prerequisites: Physics 1 and 2, Chemistry 1 and 2, Forestry 153, or equivalents. **4 s.h. (w)**

ASSOCIATE PROFESSOR HARRAR

261. Forest Soils.—Origin, development, and classification of soils. Physical and chemical properties of soils with special reference to their ability to produce forest trees. Field identification, field sampling, and laboratory analysis. The interrelationships of soil and forest cover. Desirable prerequisites: Chemistry 1 and 2, Physics 1 and 2, Botany 151 and 156, or equivalents. **4 s.h. (w)**

ASSISTANT PROFESSOR COILE

264. Silvics.—The ecological foundations of silviculture with special reference to the site factors of the forest; the influence of the forest on its environment; the growth and development of trees and stands; the origin, development, and classification of forest communities; methods of studying the forest environment. Desirable prerequisites: Botany 151 and 156, Forestry 153 and 261, or equivalents. **4 s.h. (w)**

PROFESSOR KORSTIAN

FOR GRADUATES

322-324. Advanced Forest Pathology.—Advanced study and research on the life-histories and control of diseases of forest trees to meet the individual needs of graduate students. Prerequisites: plant physiology and forest pathology. Credits to be arranged.

PROFESSOR WOLF

351-352. Advanced Physiology of Forest Trees.—Advanced study and research on problems in the physiology of forest trees to meet the individual needs of graduate students. Prerequisites: plant physiology and plant ecology. Credits to be arranged.

ASSISTANT PROFESSOR KRAMER

357-358. Research in Forestry.—Credits to be arranged.

a. Advanced Silvics.—Individual study and research on special problems in silvics. Prerequisites: Forestry 253, 261, 264, or equivalents.

PROFESSOR KORSTIAN

b. Advanced Forest Soils.—Advanced study and research in forest soils to meet the needs of individual graduate students. Prerequisite: Forestry 261 or equivalent.

ASSISTANT PROFESSOR COILE

c. Advanced Silviculture.*—Advanced study and research on problems pertaining to reproduction, establishment, growth, and treatment of the forest.

PROFESSOR KORSTIAN AND ASSOCIATE PROFESSOR MAUGHAN

d. Advanced Forest Management.*—Advanced study of specialized problems in the organization and management of forests. Emphasis is given to such activities as forest subdivision, forest inventories, forest records, and the development of management plans.

ASSOCIATE PROFESSOR MAUGHAN

e. Advanced Forest Regulation.*—Advanced study of the theory of forest regulation. Work consists chiefly of studies of the methods used in determining forest growing stock, distribution of age classes, the normal forest, formulae for arriving at cutting allowances and regulation for sustained yield.

ASSOCIATE PROFESSOR MAUGHAN

f. Advanced Wood Anatomy and Properties.—Advanced study and research on the structure and properties of wood to meet the needs of individual graduate students. Prerequisite: Forestry 258 or equivalent.

ASSOCIATE PROFESSOR HARRAR

g. Advanced Forest Mensuration.—Advanced study and research on problems in forest mensuration. Prerequisites: Forestry S151 and 255, or equivalents.

PROFESSOR SCHUMACHER

* Open only to graduates of professional schools of forestry of recognized standing who have satisfactorily completed basic courses in forestry and allied subjects.

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester, and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES

Matriculation, per semester.....	\$ 25.00
Tuition, per semester.....	100.00
Room-rent—See the detailed statement that follows.	
Athletic fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
Damage fee, payable annually at the time of first registration.....	1.00
Medical fee, per semester.....	5.00
Library fee, per semester.....	5.00
Commencement fee, payable once by graduate students in the last semester before a degree is conferred.....	3.00
Diploma fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00
For further information concerning room-rent, see below.	

SPECIAL FEES

Graduate students in the sciences are required to pay the special laboratory fees for courses as fixed by the various departments. An administrative fee is charged in connection with special research in the summer under direction of a member of the Faculty.

TRANSCRIPTS

A student desiring to transfer from Duke University to another institution is entitled to one transcript of his record. A charge of one dollar is made for each additional copy.

PAYMENTS TO FELLOWS AND SCHOLARS

Payments by the University of stipends to fellows and scholars are made in four installments, on November 25, January 25, March 25, and May 25. Fellows and scholars are required to pay the regular tuition fee and such additional fees as are ordinarily required of graduate students.

ROOMS AND CONDITIONS OF RENTING THEM

ROOM RENT FOR MEN OF DUKE UNIVERSITY

West Campus, per semester.....	\$50.00, \$62.50, and \$75.00
East Campus, per semester.....	\$30.00 and \$50.00
All graduate courses are given on the West Campus.	

Rooms are reserved only for students who have been officially accepted by the University. They are rented for no shorter period than one semester. The occupancy of a room for a period of less than one semester will cost the student \$1.00 each day unless the occupant makes the necessary arrangements with the Director of the Business Division before occupying the room. A room deposit of \$5.00 is required of each applicant for admission. The fee is deducted from the room charges at the time of registration for the full semester. The reservation fee will be refunded to any applicant not accepted by the University provided the official receipt for the fee, given to all paying it, is presented either in person or by letter to the Treasurer's Office, but students who make application and are accepted will not be entitled to have the reservation fee refunded unless the request is made on or before August 1.

A resident student who wishes to retain his room for the succeeding year must first pay a reservation fee of \$5.00 to the Treasurer's Office and then notify the office of the Director of the Business Division on or before May 15. All rooms which have not been signed for on or before May 15 will be considered vacant for the succeeding year. When a room is once engaged by a student, no change will be permitted except with the consent of the Director of the Business Division. Leaving one room and occupying another without permission is strictly against the rule and will render the offender liable to a charge for both rooms for the entire semester. No occupant is permitted to rent or sublet a room to another occupant. The use of a room for merchandising of any kind is strictly forbidden.

The University does not assume the responsibility of selecting and assigning roommates, though it will gladly render any assistance possible in the matter.

DORMITORIES FOR MEN

On the West Campus there are three groups of dormitories, Craven, Crowell, and Kilgo. Each group forms a quadrangle enclosing a court. Certain sections are reserved especially for the use of students of the Graduate School of Arts and Sciences.

BOARDING ACCOMMODATIONS

Trinity College, West Campus.—Beginning with the academic year 1930-31 the University opened its dining-hall in the Union on the West Campus with accommodations sufficient to provide in a superior way for all resident men students. It is the policy of the University to furnish board to its students at actual cost. Charges for board will not exceed \$25.00 per month.

The Union is the logical center of student activities for men, and it will be found desirable for male students to board in its supervised halls. In the Union are located the University Post Office, the University Store, the University Barbershop, and all publication staff offices.

In addition to the Union dining-halls a coffee shop is operated for the convenience of students and visitors.

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a graduate student are moderate; the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum cost, while all charges made by the University have been kept low. Incidental expenses naturally depend upon the tastes and habits of the individual. The following table gives the necessary college expenses for one year:

	<i>Low</i>	<i>Moderate</i>	<i>Liberal</i>
Tuition	\$200.00	\$200.00	\$200.00
Matriculation	50.00	50.00	50.00
Room-rent	60.00	100.00	150.00
Board	225.00	225.00	225.00
Laundry	20.00	25.00	30.00
Books	22.50	30.00	45.00
Library Fee	10.00	10.00	10.00
Athletic Fee	10.00	10.00	10.00
Damage Fee	1.00	1.00	1.00
Medical Fee	10.00	10.00	10.00
Total	\$608.50	\$661.00	\$731.00

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The School of Nursing
1937



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DURHAM, NORTH CAROLINA

ANNUAL CATALOGUES AND BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

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BULLETIN
OF
DUKE UNIVERSITY
THE SCHOOL OF NURSING



1937

DURHAM, NORTH CAROLINA
1937

SCHOOL OF NURSING AND HOSPITAL CALENDAR 1937-1938

1937

- Jan. 4. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Monday—Washington's Birthday: a holiday.
March 20. Saturday—Winter Quarter ends.
March 29. Monday—Registration of students, and Spring Quarter begins.
June 7. Monday—Commencement.
June 12. Saturday—Spring Quarter ends.
June 21. Monday—Registration of students, and Summer Quarter begins
(Junior-Senior students).
July 5. Monday—Independence Day: a holiday.
Sept. 4. Saturday—Summer Quarter ends.
Oct. 4. Monday—Registration of students, and Autumn Quarter begins.
Nov. 25. Thursday—Thanksgiving Day: a holiday.
Dec. 21. Tuesday—Autumn Quarter ends.

1938

- Jan. 3. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Tuesday—Washington's Birthday: a holiday.
March 19. Saturday—Winter Quarter ends.
March 28. Monday—Registration of students, and Spring Quarter begins.
June 6. Monday—Commencement.
June 11. Saturday—Spring Quarter ends.

OFFICERS OF ADMINISTRATION

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President of the University

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Vice-President

CHARLES BLACKWELL MARKHAM, A.B., A.M.
Assistant Treasurer

BESSIE BAKER, R.N., B.S.
Dean of the School of Nursing

WILBURT CORNELL DAVISON, A.B., B.A., B.Sc., M.A., M.D.
Dean of the School of Medicine

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BESSIE BAKER, R.N., B.S., *Dean of the School of Nursing.*

ANN HENSHAW GARDINER, R.N., B.S., M.S., *Assistant Professor of Nursing Education.*

JULIA ELIZABETH WHITE, A.B., R.N., *Assistant to the Dean.*

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ANN HENSHAW GARDINER, R.N., B.S., M.S., *Assistant Professor of Nursing Education.*

JULIA ELIZABETH WHITE, A.B., R.N., *Assistant to the Dean.*

ISABEL HUNTER DILL, R.N., B.S., *Instructor in Principles and Practice of Nursing.*

GARNETTE ANNE NESTER, R.N., B.S., *Instructor and Assistant to the Dean.*

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BESSIE BAKER, R.N., B.S., *Dean of the School of Nursing.*

FREDERICK VERNON ALTVATER, A.B., A.M., *Superintendent.*

FACULTY OF THE SCHOOL OF NURSING

BESSIE BAKER, R.N., B.S.

Dean of the School of Nursing and Professor of Nursing Education

Diploma, Johns Hopkins Hospital School of Nursing, 1902; Assistant Director of Nursing, Women's Hospital, 1910-12; Assistant Director of Nursing, Johns Hopkins Hospital, 1912-17; Chief Nurse, Base Hospital No. 18, A. E. F., 1917-19; B.S. and Diploma in Administration in Schools of Nursing, Teachers College, Columbia University, 1922; Director of Nursing at Charles T. Miller Hospital, St. Paul, and Assistant Professor of Nursing, University of Minnesota, 1922-30; Dean of the School of Nursing and Professor of Nursing Education, 1930—.

ANN HENSHAW GARDINER, R.N., B.S., M.S.

Assistant Professor of Nursing Education

Diploma and Teaching, Certificate, Shepherd College State Normal, Shepherdstown, W. Va., 1909; taught public schools, 1909-11; Diploma, Massachusetts General Hospital School of Nursing, 1914; Theoretical and Practical Instructor, St. Luke's Hospital, New Bedford, Mass., 1914-17; U. S. Base Hospital No. 6, A. E. F., 1917-19; Superintendent of Nurses, Bridgeport Hospital, Bridgeport, Conn., 1920-21; B.S. and Teacher's Diploma, Teachers College, Columbia University, 1923; Educational Director, Baylor University School of Nursing, Dallas, Texas, 1922-24; Premedical course, University of Washington, Seattle, Wash., 1925; Director of Education, Stanford University School of Nursing, 1925-26; M.S., Kansas State Agricultural College, 1927; Director of Education, Flushing Hospital, Flushing, N. Y., 1927-30; Assistant Professor of Nursing Education, 1930—.

JULIA ELIZABETH WHITE, A.B., R.N.

Assistant to the Dean

A.B., Newberry College, Newberry, S. C., 1927; Diploma, Johns Hopkins Hospital, School of Nursing, 1930; Head Nurse, Assistant Night Supervisor, Night Supervisor, Harriet Lane Home, Johns Hopkins Hospital, 1930-32; Assistant to Dean, Duke Hospital, 1933—.

ISABEL HUNTER DILL, R.N., B.S.

Instructor in Principles and Practice of Nursing

Diploma, Peter Bent Brigham Hospital School of Nursing, 1920; B.S. and Diploma as Instructor in School of Nursing, Teachers College, Columbia University, 1933; Medical Head Nurse, 1921-23, Surgical Supervisor, 1923-25, Peter Bent Brigham Hospital; Instructor in Nursing Practice, St. Luke's Hospital, New Bedford, Mass., 1925-30, 1931-32; Instructor in Nursing Practice, Stanford University School of Nursing, San Francisco, Calif., 1933-34; Instructor in Nursing Practice, Duke Hospital, 1934—.

GARNETT ANNE NESTER, R.N., B.S.

Instructor in Nursing and Assistant to the Dean

Diploma, Church Home and Infirmary School of Nursing, 1930; B.S. as Instructor in School of Nursing, Teachers College, Columbia University, 1932; Instructor in Nursing Procedures, Elizabeth General Hospital, Elizabeth, N. J., 1932-33; Instructor in Theory, Morristown Memorial Hospital, Morristown, N. J., 1933-34; Assistant Superintendent of Nurses, Emergency Hospital, Washington, D. C., 1934-35; Assistant to Dean, Duke Hospital, 1935—.

FRANCES W. BOWEN, R.N., B.S.

Supervisor of Medical Service

Graduated Ithaca Conservatory of Music, Ithaca, N. Y., 1919; Peter Bent Brigham Hospital School of Nursing, 1924; Head Nurse, Strong Memorial Hospital, Rochester, N. Y., 1926-27; Instructor, Cortland County Hospital, Cortland, N. Y., 1927-28; Assistant Superintendent of Nurses, Waterbury Hospital, Waterbury, Conn., 1928-32; Teachers College, Columbia University, New York City, 1932-34; B.S. degree, 1934; Assistant Superintendent of Nurses, The Stamford Hospital, Stamford, Conn., 1934-35; Principal of School of Nursing, New England Hospital for Women and Children, Boston, Mass., 1935-36; Instructor in Medical Nursing, Supervisor of Medical Service, Duke Hospital, 1936—.

MATILDA ELIZABETH HOLLEMAN, R.N., A.B., B.S.

Supervisor of Surgical Service

A.B., Duke University, 1931; Diploma, Duke University School of Nursing, 1934; Ward Management and Teaching, Frances Bolton School of Nursing, Cleveland, Ohio, 1935; B.S. in Nursing, Duke University School of Nursing, 1936; Supervisor of Surgical Service, Duke Hospital, 1936—.

ELIZABETH CLAPP, A.B., R.N.

Assistant Instructor in Nursing Practice

Diploma, Duke University School of Nursing, 1935; A.B. and Teacher's Diploma, North Carolina College for Women, Greensboro, N. C., 1930; Assistant Instructor in Principles and Practice of Nursing, 1936—.

MATTIE W. SPANN, R.N., A.B.

Supervisor of Night Service

A.B., Coker College, Hartsville, S. C., 1930; Diploma in Nursing, Children's Hospital, Washington, D. C., 1933; General Duty, Duke Hospital, March, 1935-June, 1936; Night Supervisor, June, 1936—.

EDITH HINVES, R.N.

Supervisor of Nursing Service in Dispensary

Diploma, Johns Hopkins Hospital School of Nursing, 1923; Head Nurse Operating Room, Johns Hopkins Hospital, 1923-25; Assistant Supervisor Operating Room, Johns Hopkins Hospital, 1925-26; Assistant Supervisor Dispensary, Johns Hopkins Hospital, 1925-27; Operating-Room Supervisor and Part-time Instructor, Palmerton Hospital, Palmerton, Pa., 1927-33; Supervisor Nursing Service in Dispensary, Duke Hospital, 1933—.

MARION FRANCES BATCHELDER, R.N.

Instructor in Operating-Room Technique, Supervisor of the Operating Room

Diploma, Peter Bent Brigham Hospital School of Nursing, 1920; Head Nurse and Supervisor of Operating Room, Peter Bent Brigham Hospital, 1921-23 and 1923-27; Head Nurse, Operating Room, Johns Hopkins Hospital, 1927-30; Supervisor of Operating Room, Duke Hospital, 1930—.

MILDRED SHERWOOD, R.N.

Instructor in Pediatrics and Supervisor of Pediatric Service

Diploma, Mount Sinai Hospital, New York City, 1923; Head Nurse, Mount Sinai Hospital, 1923-26; Head Nurse, Johns Hopkins Hospital, Baltimore, Md., 1926-30; Instructor in Pediatrics and Supervisor of Pediatric Service, Duke Hospital, 1930—.

MYRTLE E. LEWIS, A.B., R.N.

Instructor in Obstetrics and Gynecology and Supervisor of Obstetrics and Gynecological Service

A.B., Milton College, Milton, Wis.; Diploma, Battle Creek College School of Nursing, 1928; Postgraduate work, Chicago Lying-In Hospital, Feb.-June, 1932; Relief School Nurse, Battle Creek, Mich., Feb.-April, 1928; Instructor in Hydrotherapy and Head Nurse, Cook County Hospital, Chicago, 1928-1929; Teaching Supervisor in Psychiatric Nursing and Assistant Supervisor, Cook County Hospital, 1929-1930; Night Supervisor, Muhlenberg Hospital, Plainfield, N. J., Feb.-Sept., 1930; Instructor of Science, Muhlenberg Hospital, Sept., 1930-Jan., 1932; Educational Director, Chicago Lying-In Hospital, 1932-33; Supervisor of Obstetrics and Gynecological Service, Duke Hospital, 1933—.

ASSISTANT SUPERVISORS AND HEAD NURSES

CREDITH LOY, R.N.

Assistant Supervisor of the Operating Room

Diploma, University of Kansas School of Nursing, 1926; Postgraduate work, Johns Hopkins Hospital, April-Sept., 1927; Surgical Supervisor, University of Kansas Hospital, 1927-29; Second Assistant Surgical Supervisor, Assistant Surgical Supervisor, Johns Hopkins Hospital, 1929-32; Assistant Surgical Supervisor, St. Luke's Hospital, Cleveland, O., Feb., 1933-Sept., 1933; Assistant Supervisor Operating Room, Duke Hospital, 1933—.

CORNELIA CAMPBELL, R. N.

Assistant Night Supervisor

Asheville College for Teachers, Asheville, N. C., 1930-31; Diploma, City Hospital, Greenville, S. C., 1934; Assistant Night Supervisor, Greenville Hospital, November, 1934-April, 1935; General Duty, Duke Hospital, July, 1935-July, 1936; Assistant Night Supervisor, July, 1936—.

MARGARET KUYKENDAL, R.N.

Assistant Night Supervisor

Queens College, Charlotte, N. C., 1928-30; Diploma, Duke University School of Nursing, 1934; General Duty, Duke Hospital, 1934-36; Assistant Night Supervisor, 1936—.

MARY GLADYS McBANE, R.N.

Evening Supervisor

Diploma, Duke University School of Nursing, 1934; General Duty, Duke Hospital, 1934-36; Evening Supervisor, Duke Hospital, 1936—.

VIDA M. WOLFORD, R.N.

Head Nurse on Private Medical Ward

Diploma, Winchester Memorial Hospital, Winchester, Va., 1923; Night Supervisor, Winchester Memorial Hospital, 1923; Postgraduate course, St. Mary's Hospital, Rochester, Minn., 6 months, 1924; Assistant Director of Nurses, Winchester Memorial Hospital, 1925-26; Operating-Room Supervisor, Holzer Hospital, Gallipolis, Ohio, 1926; Private duty, 1926-29; Supervisor, Postgraduate School of Medicine, University of Pennsylvania, 1929-34; Head Nurse on Private Medical Ward, Duke Hospital, 1934—.

AUGUSTA CAROLINA HOFSTETTER, R.N.

Head Nurse on Women's Medical Ward

Diploma, Western Reserve University School of Nursing, 1929; Postgraduate work, Western Reserve University; Assistant Head Nurse, Western Reserve University Hospitals, Oct., 1929-Jan., 1930; Head Nurse on Women's Medical Ward, Western Reserve University Hospitals, 1930-32; Assistant Instructor in Practical Nursing, Western Reserve University Hospitals, 1932-34; Head Nurse, Women's Medical Ward, Duke Hospital, 1934—.

HANNAH M. BINHAMMER, R.N.

Head Nurse on Men's Medical Ward

Diploma, University of Michigan School of Nursing, 1921; Postgraduate work, Cook County Hospital, Chicago, 9 months; General duty, Ford Hospital, Detroit, Michigan, 1923-24; Assistant Supervisor of Out-Patient Department, University Hospital, Ann Arbor, Mich., 1925-30; Head Nurse, Men's Medical Ward, Duke Hospital, 1933—.

ARDEAN C. EVERETT, R.N.

Head Nurse on Medical and Surgical Colored Ward

Diploma, Philadelphia General Hospital, 1928; Head Nurse of Pediatrics, Postgraduate School of Medicine of University of Pennsylvania, 1928-30; Head Nurse of Men's Medical Ward, Postgraduate School of Medicine of University of Pennsylvania, 1930-31; Head Nurse of Private Surgical Ward, Geneva General Hospital, Geneva, N. Y., 1932-33; Head Nurse on Medical and Surgical Colored Ward, 1933—.

MARGARET REBECCA HERMAN, R.N., A.B.

Head Nurse on Men's Surgical Ward

A.B., Lenoir Rhyne College, Hickory, N. C., 1931; Diploma, Duke University School of Nursing, 1934; General Duty, Duke Hospital, Dec., 1934-June, 1936; Head Nurse, Men's Surgical Ward, Duke Hospital, June, 1936—.

KATHERINE INEZ GIBSON, R.N.

Head Nurse on Women's Surgical Ward

Diploma, Presbyterian Hospital, Charlotte, N. C., 1928; Private Duty, 1928-31, General Duty, Duke Hospital, 1931-36; Head Nurse, Duke Hospital, 1936—.

FRANCES MAE KLEIN, R.N.

Head Nurse on Women's Surgical Ward

Diploma, Duke University School of Nursing, 1934; General Duty, Duke Hospital, 1934-36; Head Nurse, Duke Hospital, 1936—.

VERA VIRGINIA THOMAS, R.N.

Head Nurse on Men's Surgical Ward

Diploma, Duke University School of Nursing, 1935; General Duty, 1935-36; Head Nurse, Duke Hospital, 1936—.

JULIA JANE BRADSHAW, R.N.

Head Nurse on Private Surgical Ward

North Carolina College for Women, 1919-20; Diploma, Duke University School of Nursing, 1934; Assistant Head Nurse, Medical Ward, 1934-36; Head Nurse, Private Surgical Ward, 1936—.

LECTURERS

HELGE LUNDHOLM, Ph.D.	Psychology
HAYWOOD MAURICE TAYLOR, B.S., M.S., Ph.D.	Chemistry
WILLIAM HENRY HOLLINSHEAD, B.A., M.S., Ph.D.	Anatomy
GEORGE SHARP EADIE, M.A., M.B., Ph.D.	Physiology
MCDONALD DICK, B.A., M.A., M.D.	Physiology
BAYARD CARTER, A.B., B.A., M.A., M.D.	Obstetrics and Gynecology
ALFRED RIVES SHANDS, JR., B.A., M.D.	Orthopedics
EDWIN PASCAL ALYEA, S.B., M.D.	Urology
ROBERT RANDOLPH JONES, JR., A.B., M.D.	Surgery
ROBERT LINDSAY McMILLAN, B.S., M.D.	Medicine
JAMES M. RUEGSEGER, A.B., M.D.	Medicine
ANGUS MURDOCH MCBRYDE, B.S., M.D.	Pediatrics
DANIEL JACK PACHMAN, A.B., M.D.	Pediatrics
JAY MORRIS ARENA, B.S., M.D.	Pediatrics
DOUGLAS HAMILTON SPRUNT, B.S., M.S., M.D.	Pathology
WILLIAM BANKS ANDERSON, A.B., M.D.	Ophthalmology
WATT WEEMS EAGLE, A.B., M.D.	Otolaryngology
DONALD STOVER MARTIN, A.B., M.D.	Bacteriology
ELSIE WILSON MARTIN, A.B., M.S.	Dietetics
VIRGINIA GEARHART GRAY, A.B., A.M., Ph.D.	English
MARGARET EDGECOMBE CARTER, A.B.	Physical Education
MABEL PAGE GORDON, A.B.	Physiotherapy

THE SCHOOL OF NURSING

GENERAL INFORMATION

The School of Nursing of Duke University was established in 1925 in connection with the School of Medicine of the University and Duke Hospital through the munificent gift of the late James B. Duke.

The plan of the School is to give a sound basic course in Nursing Education which will prepare young women to give intelligent nursing care to the sick in hospitals and homes of the community as well as an introduction to the problems of community health and preventive medicine.

ORGANIZATION

The administration of the School is conducted largely through the following three committees:

The Standards Committee* decides all matters of educational policy and general conduct of the School of Nursing.

The Student Work Committee* meets the incoming students at registration, determines the policies for the individual student, interviews the students at regular periods concerning theoretical and practical work, and makes recommendations for further continuance or withdrawal from the School.

The Advisory Committee* is concerned with the expenditures of the School of Nursing.

FACILITIES FOR INSTRUCTION

The facilities for instruction include the undergraduate colleges of the University, the School of Medicine, and the Duke Hospital. Students of the School of Nursing are admitted on the same basis as other students of the University.

LIBRARIES

The reference library of books and periodicals of special interest to students majoring in nursing is located in the Hospital Library. The student may use the general libraries on both campuses.

RESIDENCE

The students are housed in the new fireproof residence located near the Hospital. It is adequately equipped with blankets and linen, making further provision by the student unnecessary.

HEALTH REGULATIONS AND PHYSICAL EDUCATION

The School has general supervision of the student's health. All students are required to pass a physical examination upon admission to the

* See p. 4.

School of Nursing and at periods thereafter, a final examination being given at the end of the course. The usual tests and vaccinations are required. Exercise for two periods a week during the first two quarters is required of all students taking the three-year course. Students in the five-year course meet the full requirements of the Woman's College during their freshman and sophomore years.

ACTIVITIES OFFERED

Autumn Quarter—(October to December) Hockey, swimming, tennis, riding, moderate sports, and hiking.

Winter Quarter—(January to March) Informal gymnastics, Danish gymnastics, apparatus, games, individual gymnastics, folk dancing, clogging, interpretative dancing, swimming, and basketball.

Spring Quarter (March to June) Tennis, swimming, riding, baseball, track, field events, and archery.

ADMISSION REQUIREMENTS

An application form may be obtained by writing to the Dean, Duke University School of Nursing, Durham, N. C. The application should be submitted as early as possible in the year in which the applicant desires admission to the School. The applicant will be notified whether she has been accepted or declined; if accepted, the student must send a deposit of \$25 within two weeks to insure her enrollment. This money will be applied toward the tuition. There is a period of orientation for the student five days immediately preceding the opening of the School. Students are matriculated in the School of Nursing on October 4, 1937.

The entrance requirements are intelligence, character, and graduation from an accepted high school. The course leading to the Diploma of Graduate Nurse consists of three years of eleven months each. The student must have passed her eighteenth birthday.

The degree of Bachelor of Science in Nursing also is offered to those who have completed successfully two years of college work (60 semester-hours) in Duke University or another acceptable college or university in addition to the three-year course leading to the Diploma of Graduate Nurse in Duke University School of Nursing. The sixty semester-hours may be completed either before or after the three-year course in the School of Nursing. Those who contemplate studying for this degree should write to the Dean of the School of Nursing for advice in regard to the required course of study.

EXPENSES

The balance of the tuition fee of \$100 yearly is payable upon the day of admission, and at the beginning of each succeeding year of the three-year course. There will be no expense for room, board, and laundry during the pre-clinical and clinical periods. Textbooks and uniforms are furnished. There are no scholarships or loan funds in the School of Nursing. In the five-year course leading to the Diploma of

Nursing and the B.S. degree the expense of the two years of college work is borne by the student. The above regulations regarding tuition, board, uniforms, and textbooks apply only when the student is in residence in the School of Nursing.

WITHDRAWAL

Students in any class are admitted on the understanding that only those will be advanced who, in the opinion of the Standards Committee, give promise of being a credit to themselves and the School. At intervals the Standards Committee reviews the records of all students, and those whose progress has been unsatisfactory may be advised to leave the School.

READMISSION

Students who are absent for more than one month through illness or leave of absence will be readmitted the following year at a time at which the class or clinical schedule can be adjusted to their needs.

THE THREE-YEAR COURSE

Each year is divided into four quarters of three months each. For the student entering in September there is a vacation of two weeks between the first and second quarters at Christmas; the remaining two weeks' vacation for that year is given during the summer months. A three months' vacation will be allowed during the three years. Vacations may not be limited to the summer, but may be assigned at any time during the year. This may be necessary to insure the most effective correlation of theory and practice.

The instruction in the three-year program, while necessarily less extensive than in the five-year program, is no less thorough. The technical courses which have to do with bedside care are identical for both programs.

DESCRIPTION OF THE COURSE OF STUDY

ANATOMY

This course consists of lectures, freely illustrated by blackboard drawings and lantern-slide projections; of laboratory work, consisting of a study of dissections and microscopic sections; and of lectures and demonstrations of the histology of tissues and organs and the developmental stages in so far as such study is helpful in understanding the structure of the body.

DR. HOLLINSHEAD, MISS GARDINER

PHYSIOLOGY

The functions of the tissues, organs, and systems are closely correlated with the study of the structure of the body. Physiological processes of interest to the nurse are stressed by lectures, recitations, and demonstrations.

DR. EADIE, DR. DICK, MISS GARDINER

CHEMISTRY

The aim of this course is to prepare the student for the application of chemistry to nutrition and for the simpler chemical diagnostic tests. The lectures are supplemented by typical laboratory experiments and discussion of the elements of inorganic chemistry. Particular emphasis is laid upon relationships rather than upon isolated facts. The facts of chemistry of the carbon compounds are treated with their relationship to the chief types of food stuff. The chemical principles involved in digestion, in absorption, and in the metabolism of fats, proteins, and carbohydrates are studied in relationship to future work.

DR. TAYLOR, MISS GARDINER

BACTERIOLOGY

A study of the microscopic organisms with special attention to the fundamental principles of sanitary science; the relation of pathogenic organisms to the prevention, spread, and control of communicable disease. Laboratory experiments deal with practical nursing problems.

DR. MARTIN, MISS GARDINER

PATHOLOGY

A study of the principal causes leading to disease, the nature of disease processes, and the importance of the various methods of clinical diagnosis. An understanding of diagnostic measures allows the student to appreciate the need of careful observation of symptoms, care in preparation of specimens, and intelligence in the giving of treatments. Lectures, demonstrations, and discussion.

DR. SPRUNT, MISS HOLLEMAN

ENGLISH

English I, II.—During the first quarter emphasis is placed upon grammar and composition. In the second quarter the course includes a general survey of American literature and special references to the literature of interest within the medical and nursing profession.

MRS. GRAY

HYGIENE

Personal Hygiene.—This course gives the student the fundamental laws of health with relation to the teaching function of the nurse; emphasis is laid upon the importance of health and the development of a rational attitude towards the whole question of health preservation and disease prevention.

MISS GARDINER

Posture.—The student is taught the mechanical use of her body, and special exercises are stressed which tend toward muscular development. Emphasis is given to corrective gymnastics through laboratory study of faulty posture, deviation of the spine, and weak feet.

MISS CARTER

Preventive Medicine and Public Health.—The course is designed to give the student an understanding of Public Health Nursing in its relation to the modern health program. It includes the history and principles of Public Health Nursing; problems in special field, i.e., tuberculosis, infant welfare; case work and the technique of home visiting, the keeping of records and problems of administration. It also deals with the principles of sanitary science, and the application of these principles to water, food supply, and disposal of sewage and garbage.

DR. EPPERSON AND ASSISTANTS, MISS GARDINER

MEDICINE

Medical Diseases and Medical Nursing.—The course is designed to present a general survey of the field of medicine and metabolism, including etiology, pathology, symptoms, complications, treatment of disease. Emphasis also is laid upon prevention and special nursing care of each disease.

DR. McMILLAN, MISS BOWEN

Communicable Diseases.—Lectures and clinics deal with communicable diseases, modes of transmission, and general symptomatology. Complications and prevention are emphasized. Classes and demonstrations of nursing procedure follow the lectures.

DR. McBRYDE, MISS BOWEN

Dermatology.—The course reviews the anatomy of the skin and outlines its pathology. It includes a description of the more common skin diseases; their prevention, treatment, and control; and related nursing procedures.

DR. PERSONS, MISS HOFSTETTER

SPECIAL THERAPEUTICS

Within this group of lectures and nursing demonstrations are to be found those dealing with x-ray, dental hygiene, allergy, and basal metabolism.

X-ray.—The course consists of lectures, demonstrations of machines, exhibitions of films illustrating the therapeutic value of the x-ray and radium, and a discussion of the nursing procedures related to the treatments.

DR. REEVES, MISS BOWEN

Dental Hygiene.—Lectures and demonstrations are given on the principles underlying dentition, the care of the normal mouth, the etiology, symptoms, and treatment of the more common surgical and medical conditions relative to the mouth, and methods of prevention and nursing care.

MISS GARDINER

Allergy.—The student is instructed in the more recent data concerning the many idiosyncrasies.

DR. HANSEN, MISS HOFSTETTER

Basal Metabolism.—These lectures are given to insure an understanding of the principles and uses of basal metabolism.

DR. JOHNSTON, MISS BOWEN

NURSING

History of Nursing.—The course consists of lectures, recitations, lantern slides, and collateral reading covering the growth and development of nursing from the earliest ages to the present time. Its aim is to arouse interest, to enable the student to appreciate the obstacles that have been overcome in nursing, and to give her a survey of the field she has chosen.

MISS NESTER

Principles and Practice of Nursing, Elementary.—In this course are presented the underlying principles and practice of the elementary nursing procedures as they are related to the care of the patient. Demonstrations and practice develop the skill and technique of the student.

MISS DILL, MISS CLAPP

Principles and Practice of Nursing, Advanced.—This course follows the elementary course and includes the more advanced procedures after the student has had some experience in caring for patients. All procedures in both courses are demonstrated and practiced in the classroom, and carried out under supervision in the wards.

MISS DILL, MISS CLAPP

Ethics.—The ethical relations of the student to the school and its personnel, to the patient, the hospital, and community are discussed, so that she may meet the problems of the nursing profession.

MISS BAKER

Hospital Economics.—A study is made of hospital construction and equipment as related to the efficiency of service, interior furnishings and finishings, heat and ventilating systems, lighting and plumbing systems, cleaning processes, disposal of garbage and waste, refrigeration and air conditioning, the purpose and plan of the laundry, linen and sewing rooms.

MISS DILL

Case Study.—The aim is to give an appreciation of the relation of the patient to his social background, a detailed study of the symptoms, treatment, medical and nursing care. The ward practice is correlated with classroom teaching. The interpretation of signs and symptoms is encouraged, the growth of the scientific attitude is fostered, and the actual nursing care is improved by stimulating a keener interest in the individual care of the patient.

MISS BOWEN

Senior Demonstrations.—The course includes a review of former demonstrations of nursing procedures and gives an opportunity to incorporate the newer methods which have been adopted.

MISS DILL, SUPERVISORS

Professional Problems.—Problems which will be presented to the student after graduation are discussed with the aim of awakening professional interest and providing knowledge of professional activities.

MISS BAKER

Senior Seminar.—Subjects allied to nursing of particular interest or inspiration to the graduating class are discussed.

MISS GARDINER, MISS DILL, MISS NESTER

NUTRITION

Nutrition and Cookery.—This course includes the principles and methods of simple cookery for well and ill individuals, nutritive value of food, arrangement of a balanced diet for patients of varying needs, and the physiological processes of digestion and metabolism.

MRS. MARTIN

Diet in Disease.—In this course the modifications of the normal well-balanced diet are presented, as well as the application of these modifications in the treatment of disease due to abnormal conditions of metabolism, and the preparation and serving of such diets.

MRS. MARTIN

OBSTETRICS AND GYNECOLOGY

Gynecology and Gynecological Nursing.—The medical and surgical aspects of gynecological diseases, the pathology of the pelvis, operations, and treatments are presented. Classes follow the lectures with demonstrations and discussion.

DR. CARTER, MISS LEWIS

Obstetrics and Obstetrical Nursing.—The physiological aspects of pregnancy, labor and the puerperium, the care of the newborn are taught, and special emphasis is placed upon the social aspect of the obstetrical work. The lectures are followed with clinics and nursing procedures.

DR. CARTER, MISS LEWIS

PEDIATRICS

Pediatrics and Pediatric Nursing.—The normal child is studied, and also the diseases affecting infants and children, their treatment, nursing care, and prevention. Lecture periods are followed by demonstrations.

DR. PACHMAN, MISS SHERWOOD

PHARMACOLOGY

Elementary Pharmacology.—This course includes the study of the systems of measurement, signs, symbols, and rules governing the administration of drugs, and the source and use of the common antiseptics and disinfectants. Practice in preparation of solutions and forms is an introduction to further study of materia medica and therapeutics.

MISS NESTER

Materia Medica, Advanced.—The course is a continuation of the elementary course. The pharmacological action of drugs and remedial agents is studied. Attention is directed to the group as a whole rather than to a detailed study of separate drugs. Specific facts concerning individual drugs are studied only as they have a direct bearing upon the practical work of the nurse.

MISS NESTER

PHYSIOTHERAPY

Physiotherapy.—The history of massage, nomenclature, and fundamental principles, the physiological effects and therapeutic uses, and the principles involved in hydrotherapy and actionotherapy are studied.

MISS GORDON

PSYCHOLOGY

Psychology.—The course consists of lectures on and class discussions of the fundamental principles underlying human conduct, together with an understanding of normal and ill individuals. The nature and value of instincts, emotions, and the development of personality are discussed. The student is given a better understanding of individual differences in dealing with people in general and with the patient in particular.

DR. LUNDHOLM

Mental Hygiene.—An attempt is made to aid the student in making the necessary adjustments to her new environment, and to recognize her own personal needs, as well as to interpret the underlying principles of psychology of the behavior of the individual with whom she is associated.

MISS GARDINER

Neurology and Psychiatry.—The aim of this course is to teach the relationship of mental and physical illness, to provide an understanding of the causes of mental disease and disturbances, and to emphasize the more important considerations in the modern treatment and nursing of these diseases.

MISS GARDINER

SURGERY

General Surgical Diseases and Surgical Nursing.—The aim is to give the student a practical understanding of the cause, symptoms, prevention, and treatment of the surgical conditions; to assist the surgeon efficiently; and to be able to act promptly and wisely in emergencies. Classes and demonstrations in nursing care follow the lectures.

DR. JONES, MISS HOLLEMAN

Orthopedics.—The course consists of lectures on the more common orthopedic conditions. The principal treatments and nursing care are emphasized; and the use and application of appliances, plaster casts, splints, and braces are demonstrated.

DR. SHANDS, MISS HOLLEMAN

Urology.—The course includes lectures on urological diseases and conditions, and the principal treatments and nursing care are emphasized.

DR. ALYEA, MISS HOLLEMAN

OPERATING TECHNIQUE

This series of lectures and demonstrations deals with the organization and administration of an operating-room service; its equipment and technique; instruction in making, sterilizing, and using supplies; care of instruments and appliances; principles and practice of asepsis and antiseptics; preparation for operations; and the routine of assisting at operations.

MISS BATCHELDER

OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

The aim is to give an understanding of the care of the normal ear, nose, and throat, their diseases, the preoperative and postoperative care, and the nursing procedures related to them.

DR. EAGLE, MISS GARDINER

OPHTHALMOLOGY

The anatomy and physiology of the eye, injuries and diseases of the eye with their causes, symptoms, and treatment, and the related nursing procedures are taught.

DR. ANDERSON, MISS GARDINER

SOCIAL SERVICE

The historical background for the appreciation of social work is presented, and the social and economic factors concerning the patient's condition are emphasized.

Excursions are made to local institutions to obtain a better understanding of these problems.

MR. STANLEY AND ASSISTANTS, MISS GARDINER

SCHEDULE OF CURRICULUM—THREE-YEAR COURSE**FIRST YEAR**

<i>Autumn Quarter</i>				<i>Winter Quarter</i>			
		Hours				Hours	
	Lect., Class	Lab.	Total		Lect., Class	Lab.	Total
Anatomy	27	63	90	Principles and			
Physiology	22		22	Practice of			
Chemistry	33	22	55	Nursing, Elem.	44	55	99
History of				Bacteriology	22	22	44
Nursing	33		33	Pharmacology,			
Psychology	22		22	Elem.	22	11	33
Personal				Nutrition and			
Hygiene	22		22	Cookery	22	22	44
English	33		33	Ethics	11		11
Principles and				English	33		33
Practice of							
Nursing	11	11	22		154	110	264
Hospital							
Economics	11		11				
	214	96	310				

Physical Education 2 hours a week the first and second quarters

<i>Spring Quarter</i>				<i>Summer Quarter</i>	
		Hours			
	Lect., Class	Lab.	Total		
Principles and				Vacation	4 weeks
Practice of				Ward Practice	8 hours daily
Nursing	33	33	66		
Case Study	6	5	11		
Physiotherapy ...	4	12	16		
Materia Medica .	33		33		
	76	50	126		

SECOND YEAR				
Autumn Quarter			Winter Quarter	
	Hours			Hours
	Lect., Class	Total	Lect., Class	Total
Pathology	22	22	Gynecology	22
Medicine	33	33	Orthopedics	22
Surgery	33	33	Urology	22
Diet in Disease ..	44	44	Operating	
			Technique	11
	132	132	Special	
			Therapeutics ..	22
			99	99
Spring Quarter			Summer Quarter	
	Hours		Ward Practice	8 hours daily
	Lect., Class	Total	Vacation	4 weeks
Communicable				
Diseases	33	33		
Mental Hygiene .	22	22		
Ear, Nose,				
Throat	22	22		
	77	77		
THIRD YEAR				
Autumn Quarter			Winter Quarter	
	Hours			Hours
	Lect., Class			Lect., Class
Obstetrics	44		Psychiatry	33
Pediatrics	44		Eye	11
	—		Skin	11
	88		Senior Demonstrations	11
				66
Spring Quarter			Summer Quarter	
	Hours		Vacation	4 weeks
	Lect., Class		Ward Practice	8 hours daily
Professional Problems	11		Clinical Experience After the	
Preventive Medicine			First Six Months	
and Public Health	22		Medical Wards	6
Social Service	22		Surgical Wards	6½
Senior Seminar	11		Diet Kitchen	1½
	—		Gynecological Nursing	2
	66		Operating Room	3
			Out Patient Clinics	1
			Private Wards	1
			Obstetrical Department	3
			Pediatrics Department	3
				27

In addition, there are a preparatory period of six months and a vacation period of three months, making a total of thirty-six months.

THE FIVE-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE AND GRADUATE IN NURSING

Major Advisers

BESSIE BAKER, *Dean*

ANN HENSHAW GARDINER

In order to meet the needs of the student, the five-year course leading to the degree of Bachelor of Science in Nursing and Graduate in Nursing has been planned in two groups.

In the first group the course is for the students completing two years of college work before entering the School of Nursing.

Group two is for students who plan to complete their two years of college work following their nursing education.

Whenever possible, the student should elect the five-year course, taking the two years of college work preceding the three years in the School of Nursing. Conferences may be planned to give the student a better understanding of the field she has chosen.

GROUP I

The aim is to give the student in her first two years an introduction to the general cultural subjects which we consider fundamental and to give her a better foundation in the science of nursing.

SUGGESTIONS FOR FIVE-YEAR COURSE

FIRST YEAR

<i>First Semester</i>	S.H.	<i>Second Semester</i>	S.H.
English 1	3	English 2 or 4	3
Language	3	Language	3
History 1	3	History 2	3
Chemistry 1	4	Chemistry 2	4
Mathematics 3	3	Education 8	3
	<hr/>		<hr/>
	16		16

SECOND YEAR

<i>First Semester</i>	S.H.	<i>Second Semester</i>	S.H.
English	3	English	3
Language	3	Language	3
Zoology	4	Zoology	4
Sociology 91	3	Sociology 92	3
History 91	3	Psychology 101	3
	<hr/>		<hr/>
	16		16

Physical Education
Nursing Conference

GROUP II

In this group the student enters the School of Nursing for three years and upon the completion of her nursing education enters the University to fulfill the following requirements leading to the degree of Bachelor of Science in Nursing and Graduate in Nursing.

The students will be required to complete sixty (60) semester-hours, thirty (30) of which must be in the work approved for seniors.

She must complete eighteen to twenty-four (18-24) semester-hours in a major subject either in the division of Mathematics, Psychology, or Natural Science. The work in this division must not total more than thirty (30) semester-hours.

The total of thirty (30) semester-hours will also be required in the divisions of the Humanities, Social Science, and History.

At least twelve (12) semester-hours in each of these divisions will be required of the student.

Students will be allowed to take a maximum of six (6) semester-hours of freshman work for credit. They must also meet the University requirements concerning quality-points.

POSTGRADUATE COURSES

If there is sufficient demand, postgraduate courses of six months in medicine, surgery, and pediatrics will be available for a limited number of students.

GRADUATES OF THE DUKE UNIVERSITY SCHOOL OF NURSING

Arnold, Aldine.....	1933.....	City Hospital Martinsburg, W. Va.
Boone, Nellie.....	1935.....	Duke Hospital
Bradshaw, Julia.....	1934.....	Duke Hospital
Brinkley, Gladys.....	1933.....	1911 Sunset Drive Raleigh, N. C.
(Mrs. J. F. Stuckey)		
Cadle, Evelyn.....	1936.....	Duke Hospital
Caldwell, Faire.....	1934.....	Duke Hospital
Camp, Delores.....	1935.....	10 Aycock Apt., Trinity Ave. Durham, N. C.
Carson, Bonnie.....	1934.....	N. C. Orthopedic Hospital Gastonia, N. C.
Carter, Mary I.....	1935.....	City Hospital Martinsburg, W. Va.
Cates, Ona Maude.....	1936.....	Duke Hospital
Chambers, Mrs. Robert.....	1933.....	Pinecrest Road Durham, N. C.
(Anne Norton)		
Cheek, Mrs. Clyde.....	1934.....	Yearby Avenue Durham, N. C.
(Gretchen Johnson)		
Chittenden, Eleanor.....	1935.....	Duke Hospital
Clapp, Elizabeth.....	1935.....	Duke Hospital
Cobb, Zula.....	1934.....	Windsor, N. C.
Corbett, Mary Elizabeth.....	1936.....	Duke Hospital
Cotter, Ethel.....	1933.....	Duke Hospital

Council, Mrs. L. C.	1935	Oakville, Tenn.
(Ida Parker)		
Cranford, Kathryn	1934	N. C. Orthopedic Hospital Gastonia, N. C.
Crutchfield, Ruth	1935	504 Grove Street Danville, Va.
(Mrs. W. P. Fields)		
Davey, Margaret	1935	1805 Rorer Avenue, S. W. Roanoke, Va.
Dobbin, Louise	1934	Duke Hospital
Doolittle, Mrs. Vincent	1933	Rockingham, N. C.
(Emma Thrower)		
Evans, Elizabeth	1933	Duke Hospital
Feagans, Hilda	1935	Duke Hospital
Fields, Mrs. W. P.	1935	504 Grove Street Danville, Va.
(Ruth Crutchfield)		
Forrest, Margaret	1935	108 E. Markham Avenue Durham, N. C.
Fox, June	1935	Franklin, Va.
Gambill, Ruth	1936	Duke Hospital
Goodman, Eunice	1934	Rowan Memorial Hospital Salisbury, N. C.
Green, Mary	1933	4065 Mississippi Ave. San Diego, Calif.
(Mrs. D. W. Lester)		
Hawfield, Annie Joe	1933	City Health Department Winston-Salem, N. C.
Herman, Margaret	1934	Duke Hospital
Herman, Mary Alice	1934	Chamberlin Avenue Raleigh, N. C.
High, Christine	1933	Middlesex, N. C.
Hines, Margaret L.	1934	McLeansville, N. C.
Holleman, Matilda	1934	Duke Hospital
Hollowell, Maude	1935	City Hospital Martinsburg, W. Va.
Humphrey, Frankie	1935	Walterboro, S. C.
Hunter, Frances	1936	Marlinton, W. Va.
Johnson, Gretchen	1934	Yearby Avenue Durham, N. C.
(Mrs. Clyde Cheek)		
Johnson, Josephine	1935	Duke Hospital
King, Mary Emily	1936	Duke Hospital
Kuykendal, Margaret	1934	Duke Hospital
Lester, Mrs. D. W.	1933	4065 Mississippi Ave. San Diego, Cal.
(Mary Green)		
Mann, Elizabeth	1933	Route 1 Bynum, N. C.
Massenburg, Sue	1935	Duke Hospital
McBane, Gladys	1934	Duke Hospital
McCain, Mary Alice	1936	Nashville, N. C.
McLaughlin, Louise	1935	10 Aycock Apt., Trinity Ave. Durham, N. C.
Miller, Eleanor	1934	Duke Hospital
Moore, Elizabeth	1934	Duke Hospital
Moore, Margaret	1936	Duke Hospital
Morrison, Lavenia	1935	Luray, Va.
Norton, Anne	1933	145 Pine Crest Road Durham, N. C.
(Mrs. Robert Chambers)		
Park, Mrs. H. W.	1934	Chamberlin Avenue Raleigh, N. C.
(Mary Alice Herman)		

Parker, Ida.....	1935.....	Oakville, Tenn.
(Mrs. L. B. Council)		
Parks, Virda.....	1936.....	N. C. Baptist Hospital Winston-Salem, N. C.
Sharpe, Annie Hill.....	1934.....	255 Lindsey Street Reidsville, N. C.
Sheddy, Maxine.....	1935.....	Duke Hospital
Strother, Elizabeth.....	1936.....	Duke Hospital
Stuckey, Mrs. J. F.....	1933.....	1911 Sunset Drive Raleigh, N. C.
(Gladys Brinkley)		
Sugg, Norma.....	1934.....	Duke Hospital
Thomas, Vera.....	1935.....	Duke Hospital
Thompson, Elizabeth.....	1936.....	Duke Hospital
Thrower, Emma.....	1933.....	Rockingham, N. C.
(Mrs. Vincent Doolittle)		
Tillett, Grace.....	1933.....	Rockingham, N. C.
Uhde, Mrs. George.....	1934.....	150 N. Broad Street Philadelphia, Pa.
(Maurine Whitley)		
Ware, Frances.....	1934.....	Public Health Department Lumberton, N. C.
Ward, Jessie.....	1933.....	10 Aycock Apt., Trinity Ave. Durham, N. C.
Wehunt, Rosabelle.....	1936.....	Duke Hospital
Whitley, Maurine.....	1934.....	150 N. Broad St. Philadelphia, Pa.
(Mrs. George Uhde)		
Wilkinson, Dorothy.....	1936.....	Duke Hospital
Williams, Mary.....	1936.....	Route 2, Box 355 Greensboro, N. C.
Wilson, Helen.....	1933.....	University of Minnesota Minneapolis, Minn.
Yarbrough, Pearl.....	1933.....	Forest Hills, Durham, N. C.
Yates, Virginia.....	1936.....	Duke Hospital
Zirkle, Margaret.....	1936.....	Petersburg, Va.

INDEX

Activities Offered	10	Group II	20
Administration, Officers of	4	Leading to the Degree of Bachelor of Science and Graduate in Nursing ..	19
Admission Requirements	10	Second Year	19
Advisory Committee	4	Gardiner, Ann Henshaw	
Allergy	14	4, 5, 12, 13, 15, 16, 17, 19	
Altwater, Frederick Vernon	4	General Information	9
Alyea, Edwin Pascal	8, 16	Gordon, Mabel Page	8, 15
Anatomy	12	Graduates of Duke University School of Nursing	20
Anderson, William Banks	8, 17	Group I, Five-Year Course	19
Arena, J. Morris	8	Group II, Five-Year Course	20
Assistant Supervisors and Head Nurses	6	Gynecology	15
Autumn Quarter		Hansen-Prüss, Oscar C. E.	14
First Year	17	Head Nurses	6
Second Year	18	Health Regulations and Physical Education	9
Third Year	18	Hinves, Edith	6
Bacteriology	12	Hoffstetter, Augusta Caroline ...	7, 13, 14
Baker, Bessie	4, 5, 14, 19	Hollinshead, William Henry	8, 12
Basal Metabolism	14	Hospital Economics	14
Batchelder, Marion Frances	6, 16	Holleman, Matilda E.	6, 16
Binhammer, Hannah M.	7	Hygiene	13
Bowen, Frances W.	5, 13, 14	Information, General	9
Calendar	3	Instruction, Facilities for	9
Carter, Bayard	8, 15	Johnston, Christopher	14
Carter, Margaret Edgecomb	8, 13	Jones, Robert Randolph, Jr.	8, 16
Case Study	14	Lewis, Myrtle E.	6, 15
Chemistry	12	Libraries	9
Clapp, Elizabeth	8, 14	Loy, Credith	7
Clinical Experience after First Six Months	18	Lundholm, Helge	8, 16
Committees	4	Markham, Charles Blackwell	4
Committee, Advisory	4	Martin, Donald Stover	8, 12
Committee, Standards	4	Martin, Elsie Wilson	8, 15
Committee, Student Work	4	Materia Medica	15
Communicable Diseases	13	McBryde, Angus Murdoch	8
Course of Study, Description of the	12	Medicine	13
Curriculum, Schedule of	17	Mental Hygiene	16
Davison, Wilburt Cornell	4	Nester, Garnett Anne	4, 5, 14, 15
Degree of Bachelor of Science and Grad- uate in Nursing, The Five-Year Course		Neurology and Psychiatry	16
Leading to	19	Nursing	14
Dental Hygiene	13	Nutrition	15
Dermatology	13	Obstetrics	15
Dick, MacDonald	8, 12	Officers of Administration	4
Diet in Disease	15	Operating Technique	16
Dill, Isabel Hunter	4, 5, 14	Ophthalmology	17
Description, of the Course of Study	12	Orthopedics	16
Eadie, George Sharp	8, 12	Organization	9
Eagle, Watt Weems	8, 16	Otology, Rhinology, and Laryngology	16
English	12	Pathology	12
Epperson, J. H.	13	Pediatrics	15
Ethics	14	Persons, Elbert Lapsley	13
Everett, Ardean C.	7	Pharmacology	15
Expenses	10	Physical Education	9
Facilities for Instruction	9	Physiology	12
Faculty of the School of Nursing	5	Physiotherapy	15
Few, William Preston	4	Postgraduate Courses	20
Flowers, Robert Lee	4	Posture	13
First Year	17	Preventive Medicine and Public Health	13
Autumn Quarter	17	Principles and Practice of Nursing	14
Five Year Course	19		
Spring Quarter	17		
Summer Quarter	17		
Winter Quarter	17		
Five-Year Course, First Year	19		
Group I	19		

Professional Problems	14	Sprunt, Douglas Hamilton	8, 12
Psychology	16	Standards Committee	4
Public Health	13	Stanley, Mr.	17
Readmission	11	Student Work Committee	4
Reeves, Robert Jamés	13	Summer Quarter	
Requirements	10	First-Year	17
Residence	9	Second-Year	18
Senior Demonstrations	14	Third-Year	18
Schedule of Curriculum	17	Surgery	16
School of Nursing, Faculty of the	5	Taylor, Haywood Maurice	8, 12
School of Nursing, The	9	Third Year	18
School of Nursing and Hospital Calendar	3	Autumn Quarter	18
Second Year	18	Spring Quarter	18
Autumn Quarter	18	Summer Quarter	18
Five-Year Course	19	Winter Quarter	18
Spring Quarter	18	Three-Year Course	11, 17
Summer Quarter	18	Urology	16
Winter Quarter	18	Wannamaker, William Hane	4
Senior Seminar	15	White, Julia Elizabeth	4, 5
Shands, Alfred Rives, Jr.	8, 16	Winter Quarter	
Sherwood, Mildred	6, 15	First-Year	17
Social Service	17	Second-Year	18
Special Therapeutics	13	Third-Year	18
Spring Quarter		Withdrawal	11
First-Year	17	X-ray	13
Second-Year	18		
Third-Year	18		

VOLUME 9

March, 1937

NUMBER 3

BULLETIN OF DUKE UNIVERSITY

The School of Law



ANNOUNCEMENT FOR 1937-1938

PUBLISHED BY THE UNIVERSITY

DURHAM, NORTH CAROLINA

ANNUAL CATALOGUES AND BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

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BULLETIN
OF
DUKE UNIVERSITY
THE SCHOOL OF LAW



ANNOUNCEMENT FOR 1937-1938

DURHAM, NORTH CAROLINA

1937

CONTENTS

	I. FACULTY	PAGE
Faculty		7

II. ORGANIZATION, EQUIPMENT, AND SPECIAL ACTIVITIES

History and Organization.....	10
Purposes and Method of Instruction.....	11
The Law School Building.....	12
The Law Library.....	12
The Legal Aid Clinic.....	12
The Practice Course.....	13
Legal Periodicals.....	13
The Duke Bar Association.....	14

III. GENERAL INFORMATION

Matriculation, Registration, and Enrollment.....	15
Fees and Expenses.....	15
Scholarships and Student Aids.....	16
Awards	16
Order of the Coif.....	17
Conduct of Students.....	17
Recreational Facilities.....	17

IV. ADMISSION OF STUDENTS

Directions to Applicants for Admission.....	18
Requirements for Admission.....	18
Combined Course.....	18
Admission to Advanced Standing.....	19
Candidates for Graduate Degrees.....	19

V. REQUIREMENTS FOR BACHELOR OF LAWS DEGREE— STUDENT PROGRAMS

Bachelor of Laws Degree.....	20
The First-Year Program.....	20
Second- and Third-Year Programs.....	21

VI. GRADUATE WORK IN LAW

Graduate Degrees.....	23
Requirements for Admission to Graduate Study.....	23
Degree of Master of Laws.....	23
Degree of Doctor of Juridical Science.....	24

VII. COURSES OFFERED

General Courses.....	25
Business Courses.....	26
Property Courses.....	27
Public Law Courses.....	28
Jurisprudence Courses.....	29
Procedure and Practice Courses.....	30

VIII. STUDENTS

Enrollment for 1936-37.....	32
First-Year Class.....	32
Second-Year Class.....	33
Third-Year Class.....	34
Graduate Students.....	35
Unclassified Students.....	35
Institutions Represented.....	36
States Represented.....	36
General Summary.....	36
Degrees Awarded in June, 1936.....	37

UNIVERSITY CALENDAR

1937

- Sept. 22. Wednesday—Registration of Law Students.
Sept. 23. Thursday—Commencement of Instruction.
Nov. 11. Thursday—Armistice Day.
Nov. 25. Thursday—Thanksgiving Day: a holiday.
Dec. 11. Saturday—Duke University Day.
Dec. 20. Monday—1:00 P.M. Christmas recess begins.

1938

- Jan. 3. Monday—8:00 A.M. Instruction is resumed.
Jan. 20. Thursday—Mid-year examinations begin.
Jan. 31. Monday—Last day for matriculation for second semester.
Feb. 1. Tuesday—Second semester begins.
Feb. 22. Tuesday—Washington's Birthday: a holiday.
March 30. Wednesday—1:00 P.M. Spring vacation begins.
April 6. Wednesday—8:00 A.M. Instruction is resumed.
May 23. Monday—Final examinations begin.
June 4. Saturday—Commencement opens; Faculty breakfast for Law Seniors.
June 5. Sunday—President's Address to Graduating Class.
June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

I. FACULTY

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., Litt.D., LL.D.
PRESIDENT OF THE UNIVERSITY

H. CLAUDE HORACK, Ph.B., LL.B.
DEAN AND PROFESSOR OF LAW

Ph.B. 1899, LL.B. 1900, State University of Iowa; LL.B., 1904, Harvard University; Assistant Professor of Law, University of Wisconsin, 1904-07; Professor of Law, State University of Iowa, 1907-30; University of Michigan, summer 1922; University of Wisconsin, summer 1924; University of Southern California, summer 1931; Stanford University, summer 1936; Advisor, Council of Legal Education and Admissions to the Bar of the American Bar Association, 1927-30; Secretary, Association of American Law Schools, 1926-28, President, 1929; Professor of Law, Duke University, 1930-34; Dean and Professor of Law, since 1934.

BRYAN BOLICH, A.B., B.A. (Juris.), M.A., B.C.L.
PROFESSOR OF LAW

A.B. 1917, Duke University; Duke University Law School, 1919-21; B.A. (Juris.), 1923; B.C.L. 1924, M.A. 1927, Oxford University; general practice, 1924-27; Professor of Law, Duke University, since 1927.

JOHN S. BRADWAY, A.B., A.M., LL.B.

PROFESSOR OF LAW AND DIRECTOR OF THE LEGAL AID CLINIC

A.B. 1911, A.M. 1915, Haverford College; LL.B. 1914, University of Pennsylvania; general practice, 1914-29; Legal Aid Society of Philadelphia, 1914-20; chief counsel, Philadelphia Legal Aid Bureau, 1920-22; Secretary, National Association of Legal Aid Organizations since 1923; Visiting Professor of Law and Director of the Legal Aid Clinic, University of Southern California, summer 1928; Professor of Law and Director of the Legal Aid Clinic, University of Southern California, 1929-31; Professor of Law and Director of Legal Aid Clinic, Duke University, since 1931.

THADDEUS DILLIARD BRYSON

PROFESSOR OF LAW

Emory and Henry College, 1889-90; University of North Carolina, 1891-95; general practice, 1895-1918; Solicitor, 20th Judicial District, North Carolina, 1908-16; Judge, Superior Court, North Carolina, 1918-26; general practice, 1926-27; Professor of Law, Duke University, since 1927.

DAVID F. CAVERS, B.S., LL.B.

PROFESSOR OF LAW

B.S. in Econ. 1923, University of Pennsylvania; LL.B. 1926, Harvard University; general practice, 1926-29; Instructor in Law, Harvard University, 1929-30; Assistant Professor of Law, West Virginia University, 1930-31; Visiting Professor of Law, Yale University, first semester, 1936-37; Assistant Professor of Law, Duke University, 1931-32; Professor of Law, Duke University, since 1932.

LON L. FULLER, A.B., J.D.

PROFESSOR OF LAW

A.B. 1924, J.D. 1926, Stanford University; Assistant Professor of Law, University of Oregon, 1926-27; Associate Professor of Law, University of Oregon, 1927-28; Associate Professor of Law, University of Illinois, 1928-30; University of Chicago, summer, 1930, 1933; Professor of Law, University of Illinois, 1930-31; University of Washington, summer 1931; University of North Carolina, summer 1934; Professor of Law, Duke University, since 1931.

CHARLES LUCIEN BAKER LOWNDES, A.B., LL.B., S.J.D.

PROFESSOR OF LAW

A.B. 1923, Georgetown University; LL.B. 1926, S.J.D. 1931, Harvard University; general practice, 1926-27; Assistant Professor of Law, Georgetown University, 1927-28; Professor of Law, Georgetown University, 1928-30; research fellow, Harvard Law School, 1930-31; Professor of Law, Georgetown University, 1931-34; Professor of Law, Duke University, since 1934.

DOUGLAS BLOUNT MAGGS, A.B., J.D., S.J.D.

PROFESSOR OF LAW

A.B. 1922, J.D. 1924, University of California; S.J.D. 1926, Harvard University; general practice, 1924-25; Assistant Professor of Law, University of California, 1926-27; Professor of Law, University of Southern California, 1927-30; Visiting Professor of Law, Columbia University, 1928-29; Yale University, second semester, 1935-36; University of California, summer 1927; Cornell University, summer 1928; University of Chicago, summer 1929; Stanford University, summer 1935; University of North Carolina, summer 1936; Professor of Law, Duke University, since 1930.

MALCOLM McDERMOTT, A.B., LL.B.

PROFESSOR OF LAW

A.B. 1910, Princeton University; LL.B. 1913, Harvard University; general practice, 1913-30; Dean, College of Law, University of Tennessee, 1920-30; University of Southern California, summer 1929; Professor of Law, Duke University, since 1930.

J. DOUGLASS POTEAT, A.B., LL.B., J.S.D.

PROFESSOR OF LAW

A.B. 1923, LL.B. 1926, Furman University; J.S.D. 1933, Yale University; general practice, 1926-30, 1933-36; Associate Professor of Law, Furman University, 1929-30; Professor of Law, Furman University, 1930-33; Professor of Law, Duke University, since 1936.

WILLIAM R. ROALFE, LL.B.

LAW LIBRARIAN

LL.B. 1922, University of Southern California; general practice, 1923-25; Law Librarian, University of Southern California, 1927-30; President, American Association of Law Libraries, 1935-36; Law Librarian, Duke University, since 1930.

KENNETH RUSH, A.B., LL.B.

ASSISTANT PROFESSOR OF LAW

A.B. 1930, University of Tennessee; LL.B. 1932, Yale University; general practice, 1932-36; Assistant Professor of Law, Duke University, since 1936.

PAUL H. SANDERS, A.B., LL.B.

ASSISTANT PROFESSOR OF LAW

A.B. 1931, Austin College; LL.B. 1934, Duke University; general practice, 1934; Assistant to Director of National Bar Program, American Bar Association, 1934-36; Assistant Professor of Law, Duke University, since 1936.

EDWIN CONSTANT BRYSON

ASSISTANT IN LEGAL AID CLINIC

University of North Carolina, 1922-26; general practice, 1927-30; Legal Aid Clinic Staff, Duke University, since 1931.

MARY SIMMONS COVINGTON, A.B., LL.B.

RESEARCH LIBRARIAN, SCHOOL OF LAW

A.B. 1905, Shorter College; LL.B. 1922, George Washington University; general practice, 1924-30; Research Librarian, School of Law, Duke University, since 1930.

CHARLES HENDERSON MILLER, A.B., LL.B.**ASSISTANT IN LEGAL AID CLINIC**

A.B. 1928, LL.B. 1934, Duke University; Legal Aid Clinic Staff, Duke University, since 1931.

HELEN MILDRED KENDALL, A.B.**REGISTRAR**

A.B. 1925, DePauw University; graduate work, University of Wisconsin, 1934; Registrar, School of Law, Duke University, since 1935.

FACULTY COMMITTEES

Committee on Curriculum: H. C. Horack, Chairman, Bryan Bolich, John S. Bradway, Douglas B. Maggs, Malcolm McDermott, Kenneth Rush.

Committee on Graduate Study: Lon L. Fuller, Chairman, Bryan Bolich, H. C. Horack, Douglas B. Maggs, Douglass Poteat.

Committee on Rules: Charles L. B. Lowndes, Chairman, Bryan Bolich, David F. Cavers, Paul Sanders.

Committee on Scholarship: Malcolm McDermott, Chairman, Lon L. Fuller, Douglass Poteat.

Committee on Emergency Aids and Loans to Law Students: John S. Bradway, Chairman, T. D. Bryson, Mary S. Covington, Lon L. Fuller, Kenneth Rush.

LAW SCHOOL COMMITTEE OF THE BOARD OF TRUSTEES

Willis Smith, Raleigh, North Carolina.

James A. Bell, Charlotte, North Carolina.

W. R. Perkins, New York City.

B. S. Womble, Winston-Salem, North Carolina.

II. ORGANIZATION, EQUIPMENT, AND SPECIAL ACTIVITIES

HISTORY AND ORGANIZATION

Legal instruction in Trinity College dates from 1850, but it was not until 1868 that professional training in law was offered. The two chairs in the Department of Law were those of National and Constitutional Law, and Common and Statute Law. President Braxton Craven occupied the former from 1868 until his death in 1882. Outstanding members of the bench and bar were specially engaged, in given years, to lecture on particular subjects. Complete instruction was given "by daily lectures and regular examinations," and students were "fully prepared to obtain license."

In 1882 the Department of Law was discontinued. In 1891 instruction in law was resumed, with the appointment of Honorable A. C. Avery, Associate Justice of the Supreme Court of North Carolina, as dean of the Law School, and continued until 1894.

The School of Law of Trinity College was founded in the summer of 1904 upon an endowment established by James B. Duke and Benjamin N. Duke. Samuel Fox Mordecai organized the School and was its dean until his death in 1927. Its establishment set a new standard in Southern legal education in that it was the first school to require college work as preliminary to law study. It required the completion of two years of college work as prerequisite to entrance, the case method was used as the basis of instruction, and the completion of three years of resident study was required for a law degree.

In 1924 the School of Law of Trinity College became the Duke University School of Law pursuant to the establishment of the Duke Endowment. In 1930 the School was moved into its new building, the Faculty and Library were greatly increased, and the activities of the School broadened. In 1931 the entrance requirement was raised from two to the present requirement of three years of college work. The School of Law is a member of the Association of American Law Schools and is on the "Approved List" of the American Bar Association.

The ideas of the founder with reference to the University and its training of lawyers are thus expressed in the indenture and deed of trust establishing the Duke Endowment:

I have selected Duke University as one of the principal objects of this trust, because I recognize that education, when conducted along sane and practical, as opposed to dogmatic and theoretical lines is, next to religion, the greatest civilizing influence. I request that this institution secure for its officers, trustees and faculty, men of such outstanding character, ability and vision as will assure its attaining and maintaining a place of real leadership in the educational world, and that great care and discrimination be exercised in admitting as students only those whose previous record shows a character,

determination and application evincing a wholesome and real ambition for life. And I advise that the courses at this institution be arranged, first, with special reference to the training of preachers, lawyers and physicians, because these are most in the public eye, and by precept and example can do most to uplift mankind.

PURPOSES AND METHOD OF INSTRUCTION

The School of Law offers such courses in its curriculum as will provide an adequate preparation for the practice of law in any state. Through facilities for study and research, training is afforded for those desiring to specialize in particular branches of the law. In addition, several courses are offered for the benefit of students intending to practice in North Carolina.

It is conceived that the trust imposed by the Duke indenture cannot be discharged by the mere instruction of the student in the rules and principles of law which have received acceptance in a single state or in common law jurisdictions generally. The method of legal education employed in the School of Law, by compelling analysis of judicial opinions and inquiry into the various legal and non-legal considerations underlying them, acquaints the student not only with legal doctrine, but also with the judicial process and the rôle of the courts as creative agencies in social development.

The curriculum has been arranged with a view to insuring not only a balanced selection of courses in the first two years of study, but also an opportunity for some degree of specialization in the third year so that by intensive work in a single field the student may acquire a degree of mastery of its problems. The increasing interrelation of the economic and political problems in the life of the nation and the consequent responsibility of the lawyer in effecting the necessary adjustments are recognized in an ample offering of courses in which special consideration is given to the work of the legislative and administrative agencies of government.

To provide scope for creative work by the student, seminar courses and the courses in Current Decisions are offered. To achieve balance between intellectual discipline and that practical training which the young lawyer is otherwise left to obtain at the expense of his clients, courses are offered in Research and Briefing and Practice Court, and the third-year class participates in the work of the Legal Aid Clinic.

Through the organization of the student body in a Bar Association, a medium is afforded for extracurricular activity designed to awaken in the student a sense of his responsibilities as a member of his profession and to familiarize him with a type of organization through which some contribution to the well-being of his profession and society may be made.

The courses of study offered in the School of Law are described at pages 25 to 31 of this bulletin.

THE LAW SCHOOL BUILDING

The Law Building, like all other structures on the main campus of Duke University, is in Tudor Gothic style of colorful Cambrian stone from the Duke University quarries. It was occupied by the School of Law for the first time in September, 1930. In it are classrooms, seminar rooms, offices for Faculty and Staff, quarters for the Legal Aid Clinic and for the Duke Bar Association, a courtroom equipped for trial court and appellate court sessions, and the Law Library.

THE LAW LIBRARY

The Law Library contains a collection of almost sixty thousand volumes and is the largest law school library in the South. It consists of American and English statutory and case law; a collection of Continental Law materials; treatises, digests, encyclopedias; the various selected case series; a comprehensive collection of legal periodicals; and publications in the fields of history, economics, government, and the other social sciences, supplemental to the strictly legal materials. The Library subscribes to every current legal periodical of general interest printed in the English language.

There are several thousand additional volumes of a legal nature in the main library building, immediately adjoining the Law School, as well as the general collection of over three hundred and fifty thousand volumes, which includes government documents and works on the social sciences, to all of which the law students and Faculty have convenient access.

THE LEGAL AID CLINIC

A Legal Aid Clinic was organized at the School of Law in 1931 under the direction of Professor John S. Bradway, Secretary of the National Association of Legal Aid Organizations, who had directed similar undertakings in Philadelphia and Los Angeles. The purpose of the Clinic is twofold: to provide legal assistance for indigent persons, and to acquaint the student, by direct contact under Faculty supervision, with certain of the problems of "law in action" which may escape emphasis in the study of "law in books." The student is obliged to synthesize his theoretical knowledge in applying it to concrete situations which may often cut across course boundaries. He is trained in the technique of fact-gathering, the strategy of a law suit, the handling of clients, and the management of a law office. Classroom work is given supplementing the handling of actual cases. The practice in the Clinic is of a sort calculated to stress the ethical responsibilities of the lawyer and the social implications of his work. The latter aspect of this work is developed further by contacts established between the Clinic and various agencies of social welfare in North Carolina.

The Legal Aid Clinic is in effect a large well-rounded law office offering the student experience in interviewing clients, preparing cases for adjustment or for trial in court, briefing, investigation of facts, and

other tasks familiar to the practicing attorney. Between two hundred and three hundred cases a year are received by the Clinic. Only those applicants who are unable to pay counsel fees and only those cases where there is no opportunity for a contingent fee are accepted by the Clinic.

The activities of the Clinic are centered in a suite of offices in the Law School Building. In addition to the Director, a staff of four members of the North Carolina State Bar assist in the educational activities of the Clinic and in representing its clients in court proceedings. Work in the Legal Clinic is required of members of the third-year class.

THE PRACTICE COURSE

The practice course in the School of Law is under the direction of Judge T. D. Bryson, for eight years Judge of the Superior Court from the Twentieth Judicial District of North Carolina. The object of the course is to offer third-year students an opportunity to visualize by actual experience the application of the principles of law imparted in other courses.

The course features trial court practice in both civil and criminal actions, appellate practice, the drawing of contracts and wills, making abstracts of title, and drafting of other legal papers incident to the work of the active legal practitioner. In order that the work may correspond to the work of a trial court, a courtroom with the usual appointments, including judge's bench, jury box, stenographer's and clerk's desk, bar, etc., has been provided.

LEGAL PERIODICALS

The School of Law publishes a quarterly, *Law and Contemporary Problems*, under the editorship of Professor Cavers. This periodical, now in its fourth volume, presents in each issue a symposium on a problem of current legal importance, in which the interrelated social and economic, as well as legal, factors are discussed by writers of competence in these respective fields. Where student research may contribute to the understanding of the legal aspects of such problems, student writings are accepted for publication. The topics discussed in the first three volumes of *Law and Contemporary Problems* include food and drug control, low-cost housing, agricultural readjustment in the South, federal criminal laws, industrial and group-life insurance, instalment selling, migratory divorce, expert testimony, social security legislation, real property tax collection, and the compensation of the motor accident victim.

Law and Contemporary Problems has met with an encouraging response in its first three years. The continuing, nation-wide demand for its issues has already necessitated second printings of five issues and a third printing of one. In addition to lawyers and law libraries, it counts many interested laymen and public and general university libraries among its subscribers. Issues have been frequently and favorably reviewed, and articles reprinted in other journals. It has been used as a source of mate-

rial for university classroom study. The Social Security Board has ordered over fifteen hundred copies of the social security and industrial life insurance issues for use by its staff and in its personnel training courses.

The Duke Bar Association has published since 1933 the *Duke Bar Association Journal* in which appear reports of addresses made before the Association by distinguished guests, proceedings of the Association at its regular meetings, and items of interest concerning the School. To afford a medium for the publication of the student notes and comments on recent important decisions prepared in the Current Decisions course without necessitating the inclusion in the quarterly of the department of student work usual in "law reviews," the *Journal* publishes such notes and comments as are deemed by the editors to be of special merit. Professor Cavers serves as adviser to the student editorial board of the *Journal*.

THE DUKE BAR ASSOCIATION

The Duke Bar Association was established in the spring of 1931. It is composed of all the students of the Law School and is organized along the lines of the American Bar Association. Its purpose is to introduce the student to the problems considered by the bar in professional organizations and to develop professional consciousness and responsibility. It publishes the *Duke Bar Association Journal*, described in the preceding section. Its activities are carried on by the students with the co-operation of Dean H. C. Horack of the Law Faculty as general adviser.

III. GENERAL INFORMATION

MATRICULATION, REGISTRATION, AND ENROLLMENT

On the day of registration, September 22, 1937, the applicant must obtain from the Dean of the Law School an admission card, indicating that he is entitled to register. Registration is conducted in the Law Building. All students, both old and new, are required to register at the beginning of each semester, at which time class schedule and course cards must be filled out and approved. Students matriculating in either semester at a date later than that prescribed in this catalogue shall pay to the Treasurer a penalty of \$5.00 for late registration. Instruction will begin for all classes on Thursday, September 23, 1937.

All students are admitted subject to the rules of the University and of the School of Law, and continuance in the School is conditioned upon the observance of such rules.

FEES AND EXPENSES

Tuition and registration fees are due at the beginning of each semester. The matriculation fee is \$25.00 a semester. The tuition fee is \$100.00 a semester. A damage fee of \$1.00 is collected at the beginning of the first semester only, an athletic fee of \$5.00 at the beginning of each semester, a library fee of \$5.00 each semester, and a medical fee of \$5.00 each semester.

The payment of the medical fee entitles a student to full medical and surgical care, with the exceptions noted below. This service is under the direction of the University Physician with the co-operation of the Staff of Duke Hospital. It includes hospitalization, medical and surgical care, drugs, dressings, X-ray studies, and ward nursing. A charge for board is made at the same rate as in the University dining halls, and student meal tickets for these halls are accepted in payment of this board. Refraction of eyes, treatment of teeth and of all chronic conditions, such as the removal of diseased tonsils, are not included in this service. The cost of any necessary braces and orthopedic appliances as well as of special nursing must be borne by the student.

Payment of the athletic fee entitles the student to admittance to all athletic events on the campus. The graduation fee, payable by all students to whom a degree is awarded, is \$10.00. Board may be secured at approximately \$25.00 per month at the Union. Furnished double rooms may be secured in the dormitories of the University at \$62.50 per person per semester; a very limited number of double rooms are available at \$30.00 and \$50.00 per person per semester. These charges include light, heat, water, and janitorial service but do not include pillows or bed clothing of any kind. The cost of law books will average, through the three years, between \$20.00 and \$30.00 per semester.

SCHOLARSHIPS AND STUDENT AIDS

A limited number of scholarships covering tuition and matriculation fees (\$250) are available to first-year students, graduates of approved American universities and colleges, who are in need of such assistance. Applicants must have made excellent records in their college work and must show unusual promise of success in the study of law.

These scholarships are awarded on a competitive basis. Applications therefore should be presented before May 1 to the Dean of the Law School, together with a transcript of college work and letters of recommendation from responsible persons, certifying to the character and fitness of the applicant.

Other scholarships are awarded, as funds may permit, to students who have spent a year or more at the Law School. There are also a number of positions as assistants in the Law Library and as research assistants which are open to students particularly in their second or third year, who do not receive other aids from the University.

Scholarships are, in addition, granted each year to the three students with the best scholastic records in the first- and second-year classes. Under this plan scholarships were awarded for 1936-37 to the following members of the first-year class of 1935-36: Thomas E. Butterfield, Jr., Bethlehem, Pa.; Edward B. Bulleit, Gettysburg, Pa.; Charles H. Young, Raleigh, N. C.; and to the following members of the second-year class in that year: William R. Perdue, Jr., Macon, Ga.; Lyman H. Brownfield, Columbus, O.; and Thomas B. Stoel, Jr., Clayton, N. Y.

The University administers certain endowed loan funds for the benefit of students who are not financially able to meet their expenses, for the purpose of aiding worthy students who have established a satisfactory record at the School to continue their education.

Two funds have been provided out of which small loans may be made to tide students over temporary financial emergencies arising during the course of the year. One of these was supplied by the Ladies' Auxiliary of the Law Faculty and is limited as to amount and duration of loan. The other is due to the generosity of Mr. P. Frank Hanes of the Winston-Salem bar and is limited to the needs of selected students. These funds are administered by a committee of the Faculty.

AWARDS

Willis Smith Prize. Mr. Willis Smith, a member of the Raleigh bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of law school work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose. The winner of the prize for 1932 was Jeter S. Ray, Newport, Tenn.; for 1933, William B. McGuire, Jr., Franklin, N. C.; for 1934, Robert Gilpin

Seaks, Harrisburg, Pa.; for 1935, Erle Pettus, Jr., Birmingham, Ala.; and for 1936, Edward Rubin, Los Angeles, Calif.

ORDER OF THE COIF

A chapter of the Order of the Coif, national legal scholarship society, has been established at Duke University School of Law. Its purpose is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." Election is restricted to the 10 per cent of the Senior Class who have attained the highest rank in their law school work. Those receiving this honor in the graduating class of 1936 were Horace Bomar, Jr., Spartanburg, S. C.; Harry Goldstein, Providence, R. I.; and Edward Rubin, Los Angeles, Calif.

CONDUCT OF STUDENTS

The University expects of its students loyal and hearty co-operation in developing and maintaining high standards of conduct as well as of scholarship. The University therefore reserves the right, and matriculation by the student is a concession of this right, to compel the withdrawal of any student whose conduct at any time is not satisfactory to the University, even though no specific charge be made against the student.

RECREATIONAL FACILITIES

The University is located about two miles from the business district of Durham on wooded hills constituting part of the five-thousand-acre Duke Forest which is maintained by the University Department of Forestry. Within a short distance from the campus are facilities for golf, horseback riding, and woodland hiking. These activities are available the year round in the mild climate of the Piedmont section of North Carolina. Students of the Law School are entitled to the use of the University gymnasium, tennis courts, swimming pool, and similar privileges without cost. Motion pictures are shown in the Page Auditorium twice a week, and concert programs, recitals, lectures, and plays are presented frequently.

IV. ADMISSION OF STUDENTS

DIRECTIONS TO APPLICANTS FOR ADMISSION

Applications should be made on the prescribed Law School application blanks which will be sent upon request. Each application for regular or advanced standing must be accompanied by a complete transcript of record and evidence of graduation or honorable withdrawal from the institution from which credit is offered. To the application blank should be attached a recently made personal photograph. Letters from responsible persons, certifying to the character and ability of the applicant, are required.

It is desired that students may be selected who give promise of leadership in some of the various phases of professional activity. It is recognized that such selection is difficult. However, graduation from Duke University School of Law is intended to constitute evidence of capacity for superior work in some branch of the profession of law. Applicants for admission and their sponsors are requested to keep this fact in mind.

REQUIREMENTS FOR ADMISSION

Any person may be admitted as a candidate for the degree of Bachelor of Laws (1) who is a graduate of a college of approved standing, or (2) who has completed in a college of approved standing work equivalent in number of units to three-fourths of that required for graduation and whose college work in its entirety shows an average grade equal to that required for graduation (the requirement in each case being determined by the regulations of the college where the work was taken).

COMBINED COURSE

Arrangements have been made with some colleges for students, who have completed therein three years of undergraduate work, to enter the Law School of Duke University and upon the satisfactory completion of the first year of law school work to receive their Bachelor of Arts degrees from such colleges. It is suggested that students, desiring to enter Duke University School of Law, make inquiry of the proper college authorities regarding this point.

A student in either of the Liberal Arts Colleges of Duke University may complete in six years a combined course wherein he will have received his academic degree and also the degree of Bachelor of Laws. This arrangement is made possible under the following recommendations of the Faculty of the Arts Colleges:

Students who have completed with not less than a "C" average at least ninety-six semester-hours of undergraduate work in the pre-legal group of studies in Duke University may on the approval of the Dean of the

Undergraduate College transfer to this Law School and become eligible for the Bachelor's degree on the satisfactory completion of the full twenty-six semester-hours of work of the first-year class in this School.

It is understood that this provision shall apply solely to eligible Duke University undergraduates, and that not less than the full first-year's work of the Law School will be acceptable for credit towards the Bachelor's degree.

It should be noted that while the Combined Course plan of securing two degrees is restricted to those who have taken the "pre-legal course," general admission to the Law School is not so restricted.

ADMISSION TO ADVANCED STANDING

Any person, who has complied with the requirements for admission set forth in this announcement, prior to the commencement of his law study, who shall present evidence of the satisfactory completion of any part of the curriculum of the Law School at any law school which is a member of the Association of American Law Schools, and who is eligible for readmission to the law school from which he proposes to transfer, may be admitted to advanced standing, subject to such rules as would be applicable to students in this School having a comparable scholastic record. Provisional credit for courses so completed shall be given, final credit for such work to be conditioned on the completion of at least one full year of law study in this School with an average of at least five points above the passing grade. Adjustment of credit for work done in such other law schools may be by vote of the Faculty.

CANDIDATES FOR GRADUATE DEGREES

Applications for admission to graduate study should be addressed to the Dean of the Law School and should include transcripts of records of legal and pre-legal work. For the requirements for the graduate degrees see pages 23 and 24.

Further information will be sent upon request. Please address

THE DEAN OF THE SCHOOL OF LAW
DUKE UNIVERSITY
Durham, North Carolina

V. REQUIREMENTS FOR BACHELOR OF LAWS DEGREE—STUDENT PROGRAMS

BACHELOR OF LAWS DEGREE

Upon favorable recommendation of the Faculty, the degree of Bachelor of Laws will be conferred on students who shall have successfully completed three years' study of law, the last full year of work immediately preceding the granting of such degree having been completed, except under extraordinary circumstances, in this School.

A student shall be deemed to have completed successfully three years' study of law if during this period he has

(1) secured a passing grade in courses aggregating the number of semester-hours in the first-year program of study plus forty-eight semester-hours;

(2) secured in every required course a grade not requiring repetition thereof; and

(3) secured an average grade at least five points above passing in all work taken other than first-year courses, or, if such grade is lower than that above specified, an average grade of five points above passing in all work taken.

Students who shall have spent only their third year of study in residence in this School must have received an average grade at least five points above passing for that year.

THE FIRST-YEAR PROGRAM

All of the first-year courses are required for graduation, and no second- or third-year courses may be elected until the student has secured grades not requiring repetition of any first-year courses or has made provision for the completion thereof.

The following courses comprise the work of the first year:

<i>Subject</i>	<i>Hours per semester</i>	
Contracts and Quasi-Contracts	4	3
Criminal Law and its Administration	2	2
Torts	3	3
Introduction to Procedure	2	
Legal Bibliography	1½	
Orientation	½	
Chattel Transactions		3
Possessory Estates		2
	13	13

SECOND- AND THIRD-YEAR PROGRAMS

The course in Research and Briefing is required of those second-year students who have not been selected to take the course in Current Decisions I. The course in Legal Aid Clinic is required of those third-year students who have not been selected to take the course in Current Decision II. The course in Legal Ethics is required of all third-year students. For descriptions of the content of these courses, see pages 25-31.

With the exceptions noted above, all courses offered for the second and third years are elective. For the guidance of second-year students in 1937-38, the Faculty recommends the inclusion of the following courses in their programs of study:

<i>Subject</i>	<i>Hours per semester</i>	
Constitutional Law	3	2
Equity	2	2
Pleading (Prerequisite to Practice)	2	1
Research and Briefing	1	1
Trusts	2	2
Bills and Notes	2	
Land Transactions	3	
Business Associations I		3
Credit Transactions		4
	15	15

For the student who wishes to take in his second year courses other than those listed above, the following are suggested as suitable for study in the second year:

<i>Subject</i>	<i>Hours per semester</i>	
Criminal Procedure	2	
Family Law	2	
Landlord and Tenant	2	
Municipal Corporations	2	
Public Utilities	3	
Agency		2
Future Interests		3
Wills and Administration of Estates		3

It should be distinctly understood that the courses in this second list are not suggested as either more or less suitable for study in the third year than those not included therein. In the selection of courses in addition to or in substitution for, those recommended above, the student should consult the course groupings appearing at another place in this bulletin, so that he may choose those courses which will contribute most directly to his work in the field of study to which he wishes to devote his major efforts in the third year. The student intending to enter the general practice of law is cautioned, however, not to sacrifice, through undue concentration, the acquisition of a broad foundation for his subsequent activities.

The courses included in the above lists and all other courses offered are described at pages 25 to 31 of this bulletin. The courses offered which are not included in the above lists comprise:

<i>Subject</i>	<i>Hours per semester</i>	
Evidence	2	2
Practice	2	2
Taxation	2	2
Business Associations II	3	
Damages	2	
Debtors' Estates	3	
Federal Jurisdiction and Procedure	2	
Legal History	3	
Legislation	2	
Administrative Law		2
Conflict of Laws		3
Family Law Seminar		2
Insurance		2
Labor Law		2
Legislation Seminar		2
North Carolina Statutes		2
Readings in Jurisprudence		2
Regulation of Business		2
Roman Law		
Seminar in Legal History		

VI. GRADUATE WORK IN LAW

GRADUATE DEGREES

The School of Law confers two graduate degrees, the degree of Master of Laws (LL.M.) and the degree of Doctor of Juridical Science (S.J.D.).

REQUIREMENTS FOR ADMISSION TO GRADUATE STUDY

Any person who shall have received the first degree in law from a law school qualified for membership in the Association of American Law Schools and whose college course and law course combined shall have occupied at least six years, may be admitted as a candidate for the degree of Master of Laws. In exceptional cases an applicant who does not meet all the above requirements may be admitted, on vote of the Faculty, to candidacy for this degree where he is able to demonstrate that he is specially qualified, as by reason of practice or teaching.

Any person holding the degree of Master of Laws from this or any other law school which is qualified for membership in the Association of American Law Schools may be admitted by the Faculty to candidacy for the degree of Doctor of Juridical Science provided he completed the work for the Master's degree with distinction.

THE DEGREE OF MASTER OF LAWS

Upon favorable recommendation of the Faculty, the degree of Master of Laws will be conferred on students who have successfully completed during a period of residence at this School totaling at least one year a course of study approved by the Committee on Graduate Study.

The courses of study leading to this degree are designed to provide for the needs of two classes of students: (1) graduates of approved law schools who desire a fourth year of study for the purpose of undertaking an intensive study of some specialty, or who desire to broaden their legal education through the study of such subjects as jurisprudence and legal history; (2) graduates of approved law schools who desire to teach law or engage in legal research and who intend to become candidates for the degree of Doctor of Juridical Science.

One year of resident study is required for the degree of Master of Laws. No thesis is required. The course of study is prescribed by the Committee on Graduate Study after consultation with the individual student. Opportunity will be afforded the student to include in his program such second- and third-year law courses, not already completed, as are desirable for the rounding out or supplementing of his previous training. In some cases courses in other departments of the University may be included. In the case of students whose interests lie in further preparation

for practice, the course will normally include registration in subjects totaling twelve hours each semester. In the case of students interested primarily in legal research, a lighter schedule, so far as enrollment in formal courses is concerned, may be arranged. In cases where less than twelve hours' work is prescribed for either semester, the Committee on Graduate Study may require that the student complete the work undertaken with a grade considerably higher than that required of candidates for the first degree in law.

THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE

Upon favorable recommendation of the Faculty, the degree of Doctor of Juridical Science will be conferred on students admitted to candidacy for that degree who complete and submit a monograph or series of essays suitable for publication and deemed by the Faculty to be of distinguished character. At least one academic year must elapse between the awarding of the Master's degree and the awarding of the degree of Doctor of Juridical Science. Students who have received the degree of Master of Laws from another law school must spend at least one year engaged in research at this School and may in addition be required to complete a course of study prescribed by the Committee on Graduate Study.

VII. COURSES OFFERED

1. GENERAL COURSES

Orientation. A course designed to introduce the beginning student to the study of law. Nine lectures by members of the Faculty. One-half credit hour. First four weeks, first semester.

Torts. Liability in damages for injuries to person and property inflicted intentionally, negligently, or innocently; justification and excuse; contributory negligence; proximate cause. Liability for false representations, defamation, inducing breach of contract, interference with business relations, unfair competition, strikes, etc. Bohlen, *Cases on Torts* (3d ed.). Three hours a week throughout the year.
PROFESSOR MAGGS

Equity. Powers of Courts of Equity and principles governing their exercise, with special emphasis on injunctions; general scope of the remedy of specific performance; part performance and the Statute of Frauds; defences to specific performance; bills of peace, interpleader, *quia timet*, and to remove cloud on title. Cook, *Cases on Equity*, one-volume edition (2d ed.). Two hours a week throughout the year.
PROFESSOR HORACK

Trusts. The nature, creation, and elements of a trust; charitable trusts; resulting and constructive trusts; administration of trusts; liabilities to third persons; transfer of the *cestui's* interest; persons bound by a trust; termination of a trust. Scott, *Cases on Trusts* (2d ed.). Two hours a week throughout the year.
PROFESSOR LOWNDES

Conflict of Laws. A study of the territorial jurisdiction of courts, the enforcement of foreign judgments, and the problems arising when the operative facts of a case are connected with jurisdictions having different rules of law. Cheatham, Dowling, and Goodrich, *Cases and Other Materials on Conflict of Laws*. Three hours a week, second semester.
PROFESSOR CAVERS

Damages. The measurement of damages with special emphasis upon the application of the standards of value and certainty, and upon the relation between the procedural and substantive aspects of damage litigation. McCormick, *Cases on Damages*. Two hours a week, first semester.
PROFESSOR FULLER

Family Law. A seminar approach to the cases, statutes, and sociological theories covering the contract to marry, its formation and breach, marriage, annulment; divorce, separation; property rights; and international jurisdiction. McCurdy, *Cases on Domestic Relations* (1st ed.). Two hours a week, first semester.
PROFESSOR BRADWAY

Family Law Seminar. A seminar approach to the efforts of the social sciences, including the law, to deal with the intricate and perplexing problems of the modern family. Readings are assigned in legal and sociological material. Class discussions are based upon cases as handled by domestic relations courts. The work is built around a specific legislative project, such as a model domestic relations court statute, a model marriage law, etc. Written reports required in lieu of an examination. Family Law is prerequisite. Two hours a week, second semester.
PROFESSOR BRADWAY

North Carolina Statutes. A study of selected statutes of North Carolina with discussion of their application, and an analysis of the decisions of the Supreme Court of North Carolina construing them. Two hours a week, second semester.

PROFESSOR BRYSON

Legal Bibliography. A historical study of the development of law books with particular emphasis upon the more important sets and classes of volumes, together with actual practice in the use of the books themselves for the purpose of developing facility in legal research. One and one-half hours a week, first semester.

MR. ROALFE

Research and Briefing. Individual study of selected problems, involving the use of digests, encyclopedias, case reporter series, legal periodicals, etc.; the marshalling of authorities and preparation of memoranda of law, opinion, letters, trial and appellate court briefs, and related legal documents. Required of all second-year students except those selected for Current Decisions I. Selected materials. One hour throughout the year, in two sections.

ASSISTANT PROFESSOR RUSH

Current Decisions I. In the first semester, instruction is given in the preparation of comments on appellate court decisions by means of class analysis and criticism of comments published in law reviews and similar comments prepared by the class. In the second semester, each student, after thorough research and consultation with Faculty members, prepares two comments on decisions selected by the class from advance sheets. Open only to, and, if elected in lieu of Research and Briefing, required of superior second-year students declared eligible by the Faculty. One hour throughout the year.

PROFESSOR CAVERS AND THE STAFF

Current Decisions II. Preparation, as in Current Decisions I, of comments and longer notes on significant recent decisions. Open only to, and, if elected in lieu of Legal Aid Clinic, required of superior third-year students declared eligible by the Faculty. One hour throughout the year.

PROFESSOR CAVERS AND THE STAFF

2. BUSINESS COURSES

Contracts and Quasi-Contracts. Offer and acceptance; consideration; contracts under seal; conditions; impossibility; repudiation; remedies for breach; discharge of contractual duties; third party beneficiaries; assignment; joint contracts; illegal bargains; the Statute of Frauds. Corbin, *Cases on Contracts* (2d ed.) and mimeographed materials. Four hours a week, first semester; three hours a week, second semester.

PROFESSOR L. L. FULLER

Chattel Transactions. Property in chattels, application of the concepts of possession and title in the law of personal property; transfer of chattels by bailment, gift and sale; contracts of sale; warranties; rights and remedies of the buyer and seller. Problems of sales financing are not considered in this course but are reserved for the course in Credit Transactions. Bogert and Britton, *Cases on Sales*, and selected materials. Three hours a week, second semester.

PROFESSOR POTEAT

Agency. Formalities incident to the creation and execution of the agency; construction of the grant of authority; duties of the agent to the principal; rights of the agent against the principal; claims of third persons for torts other than fraud; claims of third persons arising out of contracts and fraud; ratification; undisclosed principal; termination of the agency; construction of equivocal contracts as contracts of agency or contracts of sale. Magill and Hamilton, *Cases on Business Organization*. Two hours a week, second semester.

PROFESSOR LOWNDES

Bills and Notes. Negotiable and non-negotiable notes, bills of exchange, and checks; the legal effects of negotiability; the liabilities of primary and secondary parties; payment and discharge. Problems arising from the use of accommodation paper are not treated in this course but are taken up in Credit Transactions. Britton, *Cases on Bills and Notes* (2d ed.). Two hours a week, first semester. PROFESSOR LOWNDES

Business Associations I. A study of the legal and economic problems involved in the formation of business associations, with special emphasis on private corporation and partnership problems; the internal organization of such associations; the control and management of the going concern; the distribution of its profits or losses and the termination of the enterprise. Frey, *Cases and Statutes on Business Associations*. Three hours a week, second semester. ASSISTANT PROFESSOR RUSH

Business Associations II—Finance. A study of the long-term assembly of funds and goods by corporations, partnerships and other business organizations; the types of securities and their attributes; the methods of acquisition of goods, funds, and other property; the authorization, issuance, and marketing of securities and methods of subsequent trading therein, including the provisions of state blue sky statutes, the Securities Act, the Securities Exchange Act and other relevant state or federal legislation. Douglas and Shanks, *Cases and Materials on Business Units—Finance*, and selected materials. Three hours a week, first semester. ASSISTANT PROFESSOR RUSH

Credit Transactions. Consideration of suretyship and guaranty, mortgages, letters of credit, trust receipts, contracts of accommodation parties on bills and notes, real property and chattel mortgages, pledges, conditional sales. Sturges, *Cases on Credit Transactions* (2d ed.). Four hours a week, second semester. PROFESSOR POTEAT

Debtors' Estates. A comparative study of the various legal devices available for the administration of debtors' estates—compositions, assignments for the benefit of creditors, receiverships and bankruptcy including proceedings for debtors' rehabilitation and corporate reorganization provided by the recent amendment to the National Bankruptcy Act. Sturges, *Cases on the Administration of Debtors' Estates* and supplementary mimeographed materials. Three hours a week, first semester. PROFESSOR POTEAT

Insurance. The function and theory of insurance; personal insurance (life and accident); property insurance, insurable interest; warranties and representations; assignment; waiver and estoppel. Goble, *Cases on Insurance*, and assigned readings in automobile, group, and industrial life insurance. Two hours a week, second semester. PROFESSOR L. L. FULLER

Public Utilities. See Public Law Courses, page 29, for description. Three hours a week, first semester. ASSISTANT PROFESSOR RUSH

Regulation of Business. See Public Law Courses, page 29, for description. Two hours a week, second semester. ASSISTANT PROFESSOR RUSH

3. PROPERTY COURSES

Possessory Estates. Historical introduction to real property with a detailed consideration of the modern law of possessory estates in land, including the fee simple, the fee tail, the life estate, the estate for years, concurrent estates, and the incidents of possessory ownership relative to water, lateral and subjacent support, and air. Powell, *Possessory Estates* (1933 ed.), and selected materials. Two hours a week, second semester. PROFESSOR BOLICH

Land Transactions. Form and delivery of deeds; description in deeds; adverse possession and acquiescence; effect of recording acts; contractual protection against defects in title; methods of enlarging or restricting the rights and privileges of landowners; marketability of title. Handler, *Cases on Vendor and Purchaser*. Three hours a week, first semester. PROFESSOR CAVERS

Landlord and Tenant. Treatment of certain incidents of the modern law of leases relating to business, residential, and agricultural properties, including the creation of leases, their general characteristics, possession, transfer, covenants, rents, security devices, and termination. Jacobs, *Cases and Materials on Landlord and Tenant* (1932 ed.). Two hours a week, first semester. PROFESSOR BOLICH

Future Interests. Future interests in real and personal property; reversions; vested and contingent remainders; executory interests; rights of entry; possibilities of reverter; gifts to classes; powers; perpetuities; interpretation of wills and deeds as affecting the validity and characteristics of the interests created thereby. Powell, *Cases on Future Interests*. Three hours a week, second semester. PROFESSOR BOLICH

Wills and Administration of Estates. Statutory schemes for the descent and distribution of intestate property; limitations upon liberty of testation; execution and revocation of wills; the will contest; appointment of personal representatives; their powers and duties in collection of assets, payment of debts, and distribution of decedents' estates; powers and duties of personal representatives and trustees in management of estates, including control of investments, allocation of receipts to principal or income; accounting and compensation. Mechem and Atkinson, *Cases on Wills and Administration*. Three hours a week, second semester. PROFESSOR McDERMOTT

Trusts. See General Courses, page 25, for description. Two hours a week throughout the year. PROFESSOR LOWNDES

4. PUBLIC LAW COURSES

Criminal Law and Its Administration. The lawyer's function in the administration of criminal justice; the nature of crime; theories of punishment in the criminal law; general consideration of the criminal act and of the mental element in crime; specific offenses at common law and as developed by statutes; appropriate defenses in relation to the specific crimes. Harno, *Cases and Materials on Criminal Law and Procedure*; Hall, *Theft, Law and Society*. Two hours a week throughout the year. ASSISTANT PROFESSOR SANDERS

Criminal Procedure. See Procedure and Practice Courses, page 30, for description. Two hours a week, first semester. PROFESSOR BRYSON

Constitutional Law. Judicial protection against arbitrary governmental action; the history of the notion of a "higher law"; the concepts applied and the constitutional clauses relied upon; the development and application of particular doctrines protecting from arbitrary governmental action individuals with respect to their persons and individuals and corporations with respect to their property and business activities. The division of fields of control between the federal and the state governments. Casebook to be announced. Three hours a week, first semester; two hours, second semester. PROFESSOR MAGGS

Administrative Law. Quasi-legislative and quasi-judicial functions of administrative tribunals, boards, and officers. Constitutional limitations, growing out of the doctrine of the separation of powers and the doctrine of the non-delegability of legislative power, upon the creation and allocation of admin-

istrative functions. Practice and procedure before administrative tribunals, boards, and officers; constitutional limitations upon administrative procedure. Judicial control and review of administrative orders and decisions. Constitutional Law is prerequisite. Casebook to be announced. Two hours a week, second semester. PROFESSOR MAGGS

Labor Law. Organization of labor groups, interference with labor relations; forms of pressure—the strike, the lockout, the boycott; the conduct of a striker; the labor injunction; federal intervention in industrial disputes. Landis, *Cases on Labor Law*, and selected materials. Two hours a week, second semester. ASSISTANT PROFESSOR SANDERS

Legislation. The interpretation of statutes; the subject matter and purpose of the statute; the context; associated words; parts of the statute in relation to the whole; extrinsic aids; statutes in relation to other statutes; statutes in relation to the common law; the applying of statutes; the operation and effect of statutes. Constitutional Law is prerequisite. DeSloovere, *Cases on Interpretation of Statutes*. Two hours a week, first semester. PROFESSOR McDERMOTT

Legislation Seminar. Special study and research with respect to specific legislative problems and projects, involving a complete survey of the nature and mechanics of the legislative process. Legislation is prerequisite. Selected materials. Two hours a week, second semester. PROFESSOR McDERMOTT

Municipal Corporations. The nature of municipal corporations; their external constitution; their internal constitution; their powers; their liabilities; remedies for and against municipal corporation. Stason, *Cases on Municipal Corporations*. Two hours a week, first semester. PROFESSOR McDERMOTT

Public Utilities. A study of the general scope of utility regulation; the respective powers of nation and state and the respective functions of commissions and courts in the regulatory process; competition and monopoly; service and facilities; liability; valuation and rates. Smith, Dowling and Hale, *Cases on Public Utilities* (2d ed.). Three hours a week, first semester. ASSISTANT PROFESSOR RUSH

Regulation of Business. A study of the common law doctrines concerning restraint of trade, and of federal and state anti-trust statutes and other current legislation regulating the conduct of business. Casebook to be announced. Two hours a week, second semester. ASSISTANT PROFESSOR RUSH

Taxation. The principal taxes are considered. Special stress is laid upon the federal tax system and the major federal taxes are analyzed in some detail. The course includes the constitutional law of taxation, both in its broader aspects and in its narrower incidence upon the particular types of taxes. Lowndes, *Cases and Materials on the Law of Taxation* (mimeographed). Two hours a week throughout the year. PROFESSOR LOWNDES

5. JURISPRUDENCE COURSES

Readings in Jurisprudence. The purpose of this course is to acquaint the student with the main currents of thought in legal philosophy and jurisprudence since Aristotle. Especial emphasis will be placed on critical studies of legal methodology. Admission only with the consent of the instructor. Assigned readings. Two credit hours. A one-hour discussion meeting will be held each week. Second semester. PROFESSOR L. L. FULLER

Legal History. A study of the development of fundamental English and American legal institutions, followed by a historical consideration of certain doctrines of the common law. Assigned readings and discussion meetings. Three credit hours. First semester. PROFESSOR BOLICH

Seminar in Legal History. This course is designed for graduate students, and will be offered only upon recommendation of the Committee on Graduate Study. Hours and credit to be arranged with the instructor upon approval of said Committee. PROFESSOR BOLICH

Roman Law. Historical survey of the development of the main institutions of Roman private law, followed by a more detailed study of the Roman law of obligations, and its pertinence to Anglo-American law. Selected texts and materials in translation. Hours and credit to be arranged.

6. PROCEDURE AND PRACTICE COURSES

Introduction to Procedure. Introduction to civil remedial law, comprising a study of the early development of the common law courts and their procedure; the forms of action; the rise of remedies in equity; courts of law and equity under modern codes; the state and federal court systems. Bolich, *Cases and Materials on Introduction to Procedure* (mimeographed). Two hours a week, first semester. PROFESSOR BOLICH

Criminal Procedure. A survey of the principles of criminal procedure as applied in the American courts. The leading proposals in the current reform movement are considered. Keedy, *Cases on Administration of the Criminal Law*. Two hours a week, first semester. PROFESSOR BRYSON

Federal Jurisdiction and Procedure. Functioning of federal courts including such topics as original jurisdiction, removal of causes, the statutory court, appellate jurisdiction of the Circuit Courts of Appeal and Supreme Court, rules of decision in the federal courts, the Conformity Act. Consideration will also be given to the general rules of practice and procedure for the District Courts and the Supreme Court of the District of Columbia proposed for promulgation by the Supreme Court of the United States. Casebook and materials to be announced. Two hours a week, first semester. PROFESSOR POTEAT

Legal Ethics. A seminar approach to the legal problems of the lawyer and the profession. Readings are assigned in legal biography, law reform, the history of the profession, legal aid work. Class discussions cover canons of ethics, statutes, cases, opinions of grievance committees dealing with the daily problems of the practicing lawyer. A written report is required on some phase of the reform of the administration of justice. Required of all third-year students. Selected materials. One hour a week, first semester.

PROFESSOR BRADWAY

Legal Aid Clinic. Students under supervision of attorneys and in cooperation with members of the Durham Bar, court officials and social agencies in the community, engage, so far as students may, in the handling of actual cases from the first interview with the client until the final disposition of the problem by litigation or otherwise. In the first semester, class discussions are devoted to problems of office organization, dealing with the client whose mind is untrained. Appellate briefs are prepared for lawyers in active practice. In the second semester, the emphasis is on dealing with members of other professional groups as expert witnesses whose minds are trained in a different way from that of the lawyer. Trial briefs are written for lawyers in active practice. Exercises are provided in preparing a case for trial. Opportunity is afforded for special work in fields of particular interest. The course is a companion to

that in legal ethics because it provides illustrations of situations which the ethical lawyer will desire to avoid. Students are expected to demonstrate adaptability to office routine, dependability in action, maturity of legal judgment. Bradway, *Handbook of the Legal Aid Clinic*. Required of all third-year students except those selected for Current Decisions II. Two hours a week throughout the year.

PROFESSOR BRADWAY

Pleading. Remedial law as applied in code jurisdictions. The form, theory, and classification of civil actions and special proceedings, together with a complete analysis of the several pleadings available in such actions and special proceedings. Throckmorton, *Cases on Code Pleading*. Two hours a week, first semester; one hour a week, second semester.

PROFESSOR BRYSON

Evidence. Presumptions and burdens of proof; rules as to witnesses; the hearsay rule and exceptions thereto; opinions and conclusions; circumstantial evidence; preferred evidence; the parol evidence rule. Hinton, *Cases on Evidence* (2d ed.). Two hours a week throughout the year.

PROFESSOR McDERMOTT

Practice. The practical work of lawyers; drafting instruments; preparation of pleadings and trial briefs; the various trial methods and steps taken in the trial of the case; removal of cases from state to federal courts; noting and perfecting appeals; the appeal briefs; procedure in the Supreme Court. Selected materials. Two hours a week throughout the year.

PROFESSOR BRYSON

Student Editorial Work. Selected students, members of the class in Current Decisions, may undertake the preparation of studies for publication in *Law and Contemporary Problems* under the supervision of the editor. Credit for this work will be given in Current Decisions.

PROFESSOR CAVERS

Bar Association Activities. Advisory work in connection with voluntary student participation in the activities of the Duke Bar Association. Not for credit.

PROFESSOR HORACK

The foregoing courses as offered for the year 1937-38 are subject to such changes as may be found necessary.

Upon recommendation of the Committee on Graduate Study, seminars not listed in the bulletin may be created or arrangements made for supervision of special research by individual students in any subject.

VIII. STUDENTS

ENROLLMENT FOR 1936-37

FIRST-YEAR CLASS

Betts, Willard Furman, Jr. A.B., University of North Carolina, 1936.	Raleigh, N. C.
Bogue, Robert William Leland Stanford University, 1932-33; University of Wisconsin, 1936.	Parker, S. D. of South Dakota, 1933-35; B.A.,
Bomar, Fleming Brown A.B., Wofford College, 1936.	Spartanburg, S. C.
Books, John Wesley Duke University, 1933-36.	Haddon Heights, N. J.
Brightman, Charles Kent Lucas Carnegie Institute of Technology, 1932-33; B.A.,	Carnegie, Pa. Pennsylvania State College, 1936.
Burwell, George Allen Duke University, 1933-36.	Warrenton, N. C.
Carden, Russell Campbell Duke University, 1933-36.	Chattanooga, Tenn.
Cooley, Edward William A.B., Duke University, 1936.	Wheeling, W. Va.
Deneen, Russell Sanders Duke University, 1933-36.	Bakersville, N. C.
Desvernine, Eugene Duke University, 1933-36.	Buen Retiro, Marianao, Havana, Cuba
Eaton, James Dunn University of Michigan, 1927-29; B.S. in Education, Kent State College, 1932.	Cleveland, O.
Ford, Evan Perfect B.A., Ohio State University, 1936.	Columbus, O.
Forsythe, John Samuel Geneva College, 1933-36.	Rocky Mount, Va.
Friedlander, Irwin Duke University, 1933-36.	Moultrie, Ga.
Gibbs, Charles Haskell A.B., College of Charleston, 1936.	Charleston, S. C.
Green, John Oliver Mars Hill College, 1932-34; B.A., University of Richmond, 1936.	Nathalie, Va.
Griffith, Erma Ellen Duke University, 1933-36.	Lebanon, Va.
Hoffman, John Edward Duke University, 1933-36.	Fort Wayne, Ind.
Kay, Robert Eynon Duke University, 1933-36.	Wildwood, N. J.
Knapp, James Edward Duke University, 1933-36.	Irasburg, Vt.
Levy, Sidney Zackery B.A., Pennsylvania State College, 1936.	Scranton, Pa.
Lowe, James Russell A.B., Duke University, 1936.	Elon College, N. C.

McLean, George Roberts, Jr. A.B., Lafayette College, 1936.	Wilkes-Barre, Pa.
Mann, Oliver DeWitt A.B., Duke University, 1936.	Whitakers, N. C.
Margraf, Gustav Benhart A.B., Southeast Missouri State Teachers College, 1936.	Cape Girardeau, Mo.
Maxwell, Lylton Ethridge A.B., Duke University, 1936.	Pink Hill, N. C.
Meyerson, Stanley Phillip Georgia School of Technology, 1933-34; Duke University, 1934-36.	Spartanburg, S. C.
Moose, William Lewis, III Hendrix College, 1932-34; University of Virginia, 1934-35; B.A., Hendrix College, 1936.	Little Rock, Ark.
Morrah, Patrick Bradley, Jr. A.B., The Citadel, 1936.	Greenville, S. C.
Oakes, John Campbell B.S., State Teachers College, of Tennessee, 1936.	Johnson City, Tenn.
Page, Hugh Alexander, Jr. Duke University, 1932-36.	Clayton, N. C.
Penabaz, Fernando J. Duke University, 1933-36.	Jobabo, Oriente, Cuba
Powell, Rufus Heflin, III A.B., Duke University, 1936.	Durham, N. C.
Queen, Mary Kathryn Duke University, 1932-35.	Waynesville, N. C.
Reid, Edwin Kitchen A.B., Syracuse University, 1936.	Albany, Ga.
Renner, Charles Victor A.B., Marietta College, 1936.	Parkersburg, W. Va.
Sanders, Richard Tatum Austin College, 1931-32; A.B., Baylor University, 1935.	Sherman, Tex.
Striffler, John Edward A.B., Wagner Memorial Lutheran College, 1936.	Jackson Heights, N. Y.
Tomlinson, Benson Cahoon Southeast Missouri State Teachers College, 1933-36.	Fornfelt, Mo.
Turlington, David James, Jr. Duke University, 1933-36.	Clinton, N. C.
Wilson, Donald Ross Duke University, 1933-36.	Long Island, N. Y.
Womble, William Fletcher Duke University, 1933-36.	Winston-Salem, N. C.
Wright, Walter Caldwell, Jr. Duke University, 1933-36.	Wenonah, N. J.
Zimmerman, Delia Miller Kansas City Junior College, 1918-19; A.B., University of Missouri, 1924.	Durham, N. C.

SECOND-YEAR CLASS

Bulleit, Edward Banister A.B., Gettysburg College, 1935.	Gettysburg, Pa.
Butterfield, Thomas Edward, Jr. A.B., Lehigh University, 1935.	Bethlehem, Pa.
Cady, Frederick Clayson A.B., Duke University, 1936.	Syracuse, N. Y.
Cann, Richard McDonald Davidson College, 1932-34; A.B., Duke University, 1936.	Greensboro, N. C.

- Cleveland, Theron Clair, Jr.
A.B., Duke University, 1935. Greenville, S. C.
- Hill, Harry Weller
University of Alabama, 1932-33; Marshall College, 1933-35. Williamson, W. Va.
- Lewis, William Allen
A.B., Duke University, 1936. Durham, N. C.
- Littell, Duane Oliver
B.A., Geneva College, 1934. Beaver Falls, Pa.
- Marks, Morris Steinberg
A.B., Duke University, 1935. Augusta, Ga.
- Matthews, John Frederick
Wake Forest College, 1930-33. Louisburg, N. C.
- Sapp, James Everett, Jr.
A.B., Duke University, 1935. Albany, Ga.
- Schain, Joseph Morris, Jr.
A.B., Lafayette College, 1935. Berwick, Pa.
- Sears, Howard Jones
A.B., University of the South, 1935. Chattanooga, Tenn.
- Spencer, Harold Winston
A.B., Lafayette College, 1935. Willow Grove, Pa.
- Stuart, Carmon Jackson
B.S., Appalachian State Teachers College, 1935. Jefferson, N. C.
- Turpit, William James
Duke University, 1932-35. Hastings, Neb.
- Warren, Charles Ransome, Jr.
A.B., Duke University, 1936. Chatham, Va.
- Wyman, Paul B.
Kalamazoo College, 1932-35. Kalamazoo, Mich.
- Young, Charles Holt
A.B., Duke University, 1935. Raleigh, N. C.

THIRD-YEAR CLASS

- Albrink, Frederick Stockman
A.B., Oberlin College, 1934. Napoleon, O.
- Baird, William Jesse, II
A.B., Berea College, 1934. Berea, Ky.
- Brooks, Arthur Alford, Jr.
B.A., Coe College, 1934. Cedar Rapids, Ia.
- Brownfield, Lyman Hugh
B.A., Mount Union College, 1934. Columbus, O.
- Fay, John Richard
B.S., Albright College, 1934. Norwalk, Conn.
- Haley, James Meredith
B.A., University of Chattanooga, 1934. Chattanooga, Tenn.
- Henderson, David Henry
A.B., Duke University, 1935. Charlotte, N. C.
- Holland, John Mack, Jr.
B.S., Davidson College, 1934. Gastonia, N. C.
- Hunter, Ethel Farley
A.B., West Virginia University, 1935; West Virginia University, School of Law, 1934-35. Welch, W. Va.
- Kiefer, Richard Wagner
B.A., Western Maryland College, 1934. Catonsville, Md.
- Lanier, Helen Lucile
A.B., Whitman College, 1934. Walla Walla, Wash.

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| Leathers, Harland Francis
A.B., University of Maine, 1935. | Bangor, Me. |
| Lybrook, William Reynolds
A.B., Duke University, 1934. | Advance, N. C. |
| McConnell, John Daniel
B.S., Davidson College, 1932. | Durham, N. C. |
| McCown, Hale
A.B., Hastings College, 1935. | Beatrice, Neb. |
| Nissen, Carl Hans
B.A., Wesleyan University, 1934. | Meriden, Conn. |
| Nixon, Richard Milhous
A.B., Whittier College, 1934. | Whittier, Calif. |
| Perdue, William R., Jr.
A.B., Emory University, 1934. | Macon, Ga. |
| Phillips, Caroline Mary
A.B., Duke University, 1935. | Lexington, N. C. |
| Smith, Emma Lee
A.B., Duke University, 1928. | Durham, N. C. |
| Stoel, Thomas Burrows, Jr.
A.B., Hobart College, 1934. | Clayton, N. Y. |
| Troxler, Therman Joseph
A.B., Duke University, 1933. | Elon College, N. C. |
| Washburn, William Edward
A.B., Tusculum College, 1931. | Bridgeport, Conn. |
| Whitener, Basil Lee
Rutherford College; University of South Carolina, 1933-34; University of South Carolina School of Law, 1934-35. | Gastonia, N. C. |
| Williams, Glenn Davis
A.B., Duke University, 1934. | Fayetteville, Tenn. |

GRADUATE STUDENTS

- | | |
|---|-----------------|
| Harmon, John Calvin, Jr.
Wofford College, spring term, 1928; A.B., Duke University, 1931; LL.B., Duke University School of Law, 1935. | Leland, N. C. |
| Moyle, Samuel B.
Trinity College, 1912-14; Washington and Lee University, 1915-16; University of South Carolina School of Law, 1933-36; Duke University School of Law, second semester, 1935-36. | Columbia, S. C. |
| Sargeant, Daniel Trigg
A.B., College of William and Mary, 1936; LL.B., Georgetown University School of Law, 1935. | Norfolk, Va. |

UNCLASSIFIED STUDENTS

- | | |
|---|--------------------|
| Day, Katharine Bolt
Greenville Woman's College, 1924-27; B.S. in Library Science, Simmons College, 1928. | Durham, N. C. |
| Long, Marianna
A.B., Woman's College of University of North Carolina, 1927; B.S. in Library Science, Emory University, 1928. | Statesville, N. C. |
| Wright, DeWitt
University of Illinois, 1917-18; B.S., Northwestern University, 1923; J.D., Northwestern University Law School, 1926. | Wenona, Ill. |

INSTITUTIONS REPRESENTED

Albright College	Northwestern University
Appalachian State Teachers College	Oberlin College
Austin College	Ohio State University
Baylor University	Pennsylvania State College
Berea College	Rutherford College
Carnegie Institute of Technology	Simmons College
The Citadel	Southeast Missouri State Teachers College
Coe College	State Teachers College of Tennessee
College of Charleston	Syracuse University
College of William and Mary	Tusculum College
Davidson College	University of Alabama
Duke University	University of Chattanooga
Emory University	University of Illinois
Furman University	University of Maine
Geneva College	University of Michigan
Georgetown University	University of Missouri
Georgia School of Technology	University of North Carolina
Gettysburg College	University of Richmond
Greenville Woman's College	University of the South
Hastings College	University of South Carolina
Hendrix College	University of South Dakota
Hobart College	University of Virginia
Kalamazoo College	University of Wisconsin
Kansas City Junior College	Wagner Memorial Lutheran College
Kent State College	Wake Forest College
Lafayette College	Washington and Lee University
Lehigh University	Wesleyan University
Leland Stanford University	Western Maryland College
Marietta College	West Virginia University
Marshall College	Whitman College
Mars Hill College	Whittier College
Mitchell College	Wofford College
Mount Union College	

STATES AND FOREIGN COUNTRIES REPRESENTED

Arkansas, California, Connecticut, Cuba, Georgia, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Michigan, Missouri, Nebraska, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia.
Total, 27.

GENERAL SUMMARY

First-Year Class	44
Second-Year Class	19
Third-Year Class	25
Unclassified	3
Graduate Students	3
Total Enrollment	94
Total Number of Institutions Represented	65
Total Number of States Represented	27

DEGREES AWARDED IN JUNE, 1936

BACHELOR OF LAWS

- Bomar, Horace Leland, Jr.
B.A., Furman University, 1933.
- Branch, William Lewis
Virginia Polytechnic Institute, 1929-30; Marshall College, 1930-32; University of Colorado, Summer 1932.
- Cook, Franklin Henry
A.B., Bucknell University, 1933.
- Cook, Robert Nevin
A.B., Bucknell University, 1933.
- Davis, Simeon Benton, Jr.
B.A., Wake Forest College, 1933.
- Gibson, Fillmore Sloan
A.B., Duke University, 1933.
- Goldstein, Harry
A.B., Brown University, 1933.
- Henderson, James MacDougall
B.A., Trinity College, 1933.
- Hiller, Russell Leon
University of Alabama, 1927-28; B.S. in Bus. Adm., Albright College, 1931; Graduate School, University of Pennsylvania, 1931-32.
- Hunoval, Joseph Andreas
B.S. in Bus. Adm., Lehigh University, 1931.
- Kellam, Edwin Clay
A.B., Duke University, 1933; University of Oklahoma School of Law, 1933-34.
- Loeb, Edna
A.B., Mississippi State College for Women, 1933.
- McKeithen, Leland
B.A., Davidson College, 1933.
- Maxwell, Mary Louise
Wesleyan College, 1930-32; Duke University, 1932-33.
- Miller, Garnet Edward
A.B., Carson-Newman College, 1934.
- Miller, Murry Augustine
A.B., Duke University, 1934.
- Moore, Alvin O'Brien
A.B., Duke University, 1934.
- Murphy, W. D., Jr.
A.B., University of Arkansas, 1933.
- Myers, John Albert
A.B., Duke University, 1933.
- Peterson, Ivar Herbert
A.B., State College of Washington, 1933.
- Rice, Leon Leftwich, Jr.
B.A., Furman University, 1933.
- Roberson, Paul Dawson
A.B., Duke University, 1932; M.A., Duke University, 1935.
- Rubin, Edward
A.B., University of California at Los Angeles, 1933.
- Taft, Edmond Hoover, Jr.
A.B., Duke University, 1934.
- Upchurch, Walter McGowan, Jr.
A.B., Duke University, 1931.
- Walker, Francis Edgar
A.B., Bucknell University, 1932.

VOLUME 9

March, 1937

NUMBER 3-A

BULLETIN OF DUKE UNIVERSITY

The Summer School



1937

FIRST TERM: JUNE 9-JULY 20

SECOND TERM: JULY 1-AUGUST 11

THIRD TERM: JULY 21-AUGUST 31

ANNOUNCEMENT

JUNALUSKA SUMMER SCHOOL, INC.
(AFFILIATED WITH DUKE UNIVERSITY)

AND

JUNALUSKA SCHOOL OF RELIGION
LAKE JUNALUSKA, N. C.

PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

ANNUAL CATALOGUES AND BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

For BULLETIN OF THE DEPARTMENTS OF ENGINEERING, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF LAW, apply to *The Dean of the School of Law*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF MEDICINE, apply to *The Dean of the School of Medicine*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF NURSING, apply to *The Dean of the School of Nursing*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF RELIGION, apply to *The Registrar of the School of Religion*, Duke University, Durham, N. C.

For BULLETIN OF THE SUMMER SCHOOLS, apply to *The Director of the Summer Schools*, Duke University, Durham, N. C.

For BULLETIN ON FORESTRY, apply to *The Director, Duke Forest*, Duke University, Durham, N. C.

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DURHAM, NORTH CAROLINA

1937

SUMMER SCHOOL ANNOUNCEMENT

ADMINISTRATIVE OFFICERS

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., LL.D.,
PRESIDENT OF DUKE UNIVERSITY

ROBERT LEE FLOWERS, A.M., LL.D.,
VICE-PRESIDENT OF DUKE UNIVERSITY AND MEMBER OF THE FACULTY
COMMITTEE ON THE SUMMER SCHOOL

WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D.,
VICE-PRESIDENT OF DUKE UNIVERSITY AND MEMBER OF THE FACULTY
COMMITTEE ON THE SUMMER SCHOOL

HOLLAND HOLTON, A.B., J.D.,
DIRECTOR OF THE SUMMER SCHOOL AND CHAIRMAN OF THE FACULTY
COMMITTEE ON THE SUMMER SCHOOL

WILLIAM KENNETH BOYD, A.B., A.M., Ph.D.,
MEMBER OF THE FACULTY COMMITTEE OF THE SUMMER SCHOOL

ARTHUR MARCUS PROCTOR, A.B., A.M., Ph.D.,
ASSOCIATE DIRECTOR OF THE SUMMER SCHOOL

WILLIAM HENRY GLASSON, Ph.B., Ph.D.,
DEAN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES

ALICE MARY BALDWIN, A.B., A.M., Ph.D.,
DEAN OF THE WOMAN'S COLLEGE

WALTER KIRKLAND GREENE, A.B., A.M., Ph.D.,
DEAN OF UNDERGRADUATE INSTRUCTION

MARY GRACE WILSON, A.B.,
SOCIAL DIRECTOR AND ACTING DEAN OF WOMEN

GRACE LAWRENCE
(Dean, Salem College),
ASSISTANT DEAN OF WOMEN (Second Term)

MAY McLELLAND, A.B., M.S.
(Dean, Peace Junior College),
SOCIAL DIRECTOR AND ACTING DEAN OF WOMEN (Third Term)

FLORA MARIE MEREDITH, A.B.
(Dean of Women, Hendrix College, Arkansas),
ASSISTANT DEAN OF WOMEN (in charge of East Campus)

FACULTY

BIGELOW, LUCIUS AURELIUS; S.B., Massachusetts Institute of Technology; Ph.D., Yale; CHEMISTRY (Duke University).

BIRD, HAROLD CRUSIUS; Ph.B., C.E., Yale; CIVIL ENGINEERING (Duke University).

BOYD, WILLIAM KENNETH; A.B., A.M., Duke; Ph.D., Columbia; HISTORY (Duke University).

BROWNELL, WILLIAM ARTHUR; A.B., Allegheny College; A.M., Ph.D., University of Chicago; EDUCATIONAL PSYCHOLOGY (Duke University).

CANNON, JAMES, III; A.B., Duke; A.M., Princeton; Th.B., Th.M., Princeton Theological Seminary; Edinburgh University, 1919; Garrett, 1924; RELIGION (Duke University).

CARR, JOHN WINDER, JR.; A.B., Duke; A.M., Ph.D., Columbia; EDUCATION (Duke University).

CHILDS, BENJAMIN GUY; A.B., A.M., University of Virginia; University of Virginia, 1921-22; EDUCATION (Duke University).

COWPER, FREDERICK AUGUSTUS GRANT; A.B., A.M., Trinity (Conn.); University of Strassburg, 1906-07; University of Geneva, 1907-08; Ph.D., University of Chicago; FRENCH (Duke University).

CUNNINGHAM, BERT; B.S., M.S., Illinois Wesleyan; A.M., Duke; Ph.D., University of Wisconsin; ZOOLOGY (Duke University).

ELLIOTT, WILLIAM WHITFIELD; B.A., Hampden-Sydney College; M.A., University of Kentucky; Ph.D., Cornell; MATHEMATICS (Duke University).

ELLWOOD, CHARLES ABRAM; Ph.B., Cornell; Ph.D., University of Chicago; LL.D., Bethany College; SOCIOLOGY (Duke University).

GILBERT, ALLAN H.; B.A., Cornell; A.M., Yale; Ph.D., Cornell; ENGLISH (Duke University).

GOHDES, CLARENCE; A.B., Capital; A.M., Ohio State; A.M., Harvard; Ph.D., Columbia; ENGLISH (Duke University).

HALL, WILLIAM HOLLAND; A.B., A.M., Duke; B.C.E., University of Michigan; M.S.C.E., University of Wisconsin; ENGINEERING (Duke University).

HAMILTON, EARL JEFFERSON; B.S., Mississippi State College; A.M., Ph.D., Harvard; ECONOMICS (Duke University).

HARGITT, GEORGE THOMAS; Ph.B., Syracuse; A.M., University of Nebraska; Ph.D., Harvard; ZOOLOGY (Duke University).

HUBBELL, JAY BROADUS; A.B., University of Richmond; A.M., Harvard; Ph.D., Columbia; ENGLISH (Duke University).

JENSEN, HOWARD EIKENBERRY; A.B., A.M., University of Kansas; B.D., Ph.D., University of Chicago; SOCIOLOGY (Duke University).

JORDAN, BRADY RIMBEY; Litt.B., Princeton; Ph.D., University of Wisconsin; FRENCH (Duke University).

KRUMMEL, CHARLES ALBERT; Ph.B., Central Wesleyan College; Ph.M., Syracuse; Ph.D., University of Wisconsin; University of Marburg, 1910; GERMAN (Duke University).

LAPRADE, WILLIAM THOMAS; A.B., Washington Christian College; Ph.D., Johns Hopkins; HISTORY (Duke University).

- LUNDEBERG, OLAV K.; A.B., St. Olaf College; A.M., Ph.D., University of Minnesota; Université de Montpellier, 1918; Centro de Estudios Históricos, Madrid, 1929; SPANISH (Duke University).
- MAUGHAN, WILLIAM; B.S., University of Minnesota; M.F., Yale; FORESTRY (Duke University).
- MITCHELL, FRANK KIRBY; A.B., Millsaps; A.M., University of Michigan; Oriel College, Oxford, 1921-24; ENGLISH (Duke University).
- ORMOND, JESSE MARVIN; A.B., Duke; B.D., Vanderbilt; RELIGION (Duke University).
- PEARSE, ARTHUR SPERRY; B.S., A.M., University of Nebraska; Ph.D., Harvard; ZOOLOGY (Duke University).
- RANKIN, ROBERT STANLEY; A.B., Tusculum College; A.M., Ph.D., Princeton; POLITICAL SCIENCE (Duke University).
- RANKIN, WILLIAM WALTER; B.E., North Carolina State College of Agriculture and Engineering; A.M., University of North Carolina; Harvard, 1914-15; Columbia, 1919-21; MATHEMATICS (Duke University).
- SCHUMACHER, FRANCIS X.; B.S., University of Michigan; FORESTRY (Duke University).
- SHRYOCK, RICHARD HARRISON; B.S.Ed., Ph.D., University of Pennsylvania; HISTORY (Duke University).
- SMITH, HILRIE SHELTON; A.B., Elon College; Ph.D., Yale; D.D., De fiance College; RELIGIOUS EDUCATION (Duke University).
- SPENCE, HERSEY EVERETT; A.B., A.M., B.D., Duke; RELIGION (Duke University).
- SYDNOR, CHARLES SACKETT; A.B., Hampden-Sydney College; Ph.D., Johns Hopkins; HISTORY (Duke University).
- VOSBURGH, WARREN CHASE; B.S., M.S., Union College; Ph.D., Columbia; CHEMISTRY (Duke University).
- WEBB, ALBERT MICAJAH; A.B., A.M., Yale; Sorbonne (Paris) and Madrid, 1907-08; Sorbonne, 1923; FRENCH (Duke University).
- WHITE, NEWMAN IVEY; A.B., A.M., Duke; A.M., Ph.D., Harvard; ENGLISH (Duke University).
- WILSON, ROBERT NORTH; A.B., Haverford College; M.S., University of Florida; Harvard, 1905-06; University of Illinois, 1923-24; Yale, 1931-32; CHEMISTRY (Duke University).
- WILSON, ROBERT RENBERT; A.B., Austin College; A.M., Princeton; Ph.D., Harvard; POLITICAL SCIENCE (Duke University).
- ADAMS, DONALD KEITH; A.B., Pennsylvania State College; A.M., Harvard; Ph.D., Yale; PSYCHOLOGY (Duke University).
- ADDOMS, RUTH MARGERLY; A.B., A.M., Wellesley; Ph.D., University of Wisconsin; BOTANY (Duke University).
- BAUGH, ALBERT CROLL; A.B., A.M., Ph.D., University of Pennsylvania; ENGLISH (University of Pennsylvania).

- BAYNE, THOMAS L.; B.S., North Carolina State College; M.S., Ph.D., Cornell; EDUCATIONAL PSYCHOLOGY (Cornell University).
- BOYER, PHILIP ALBERT; A.B., Temple; A.M., Ph.D., University of Pennsylvania; PUBLIC SCHOOL ADMINISTRATION (Director of Educational Research, Philadelphia Public Schools).
- BRADLEY, EDWARD SCULLEY; A.B., A.M., Ph.D., University of Pennsylvania; ENGLISH (University of Pennsylvania).
- CALLCOTT, WILFRID HARDY; A.B., Southwestern; M.A., Ph.D., Columbia; HISTORY (University of South Carolina).
- CARLITZ, LEONARD; A.B., Ph.D., University of Pennsylvania; MATHEMATICS (Duke University).
- CARMICHAEL, OMER; A.B., University of Alabama; A.M., Columbia; Columbia, 1930-32; PUBLIC SCHOOL ADMINISTRATION (Superintendent of Lynchburg, Va., City Schools).
- DOUGLAS, OSCAR BERRY; A.B., Texas Christian; A.M., University of Texas; Ph.D., University of Chicago; EDUCATIONAL PSYCHOLOGY (University of Texas).
- EASLEY, HOWARD; A.B., Union University, Tenn; A.M., Ph.D., George Peabody College; EDUCATIONAL PSYCHOLOGY (Duke University).
- EELLS, HASTINGS; A.B., Clark; A.M., B.D., Princeton; Ph.D., Yale; Brussels, 1921-22; Ghent, 1928-29; HISTORY (Ohio Wesleyan University).
- GARDINER, ANN HENSHAW; R.N.; Grad. Shepherd Normal School (W. Virginia); B.S., Columbia; University of Washington Medical School of Hygiene, 1924-25; M.S., Kansas State College; HYGIENE (Duke University).
- GRAY, CLARENCE TRUMAN; A.B., Indiana; A.M., Ph.D., University of Chicago; EDUCATIONAL PSYCHOLOGY (University of Texas).
- GRAY, IRVING EMERY; B.S., Massachusetts State College; M.S., Ph.D., University of Wisconsin; ZOOLOGY (Duke University).
- GRIFFITH, REGINALD HARVEY; M.A., Litt.D., Furman; Ph.D., Chicago; ENGLISH (University of Texas).
- GRIGGS, EARL LESLIE; B.A., University of Colorado; M.A., Columbia; Ph.D., University of London; ENGLISH (University of Michigan).
- GWYNN, JOHN MINOR; A.B., A.M., University of North Carolina; Ph.D., Yale; EDUCATION (University of North Carolina).
- GWYNN, PRICE HENDERSON, JR.; A.B., A.M., University of North Carolina; B.D., Yale Divinity School; Ph.D., Yale; EDUCATION (Davidson College).
- HAUSER, CHARLES ROY; B.S., M.S., University of Florida; Ph.D., University of Iowa; CHEMISTRY (Duke University).
- HIGHSMITH, JOHN HENRY; A.B., A.M., Duke; Columbia, 1904-06; LL.D., Catawba College; D.Ed., Wake Forest College; PUBLIC SCHOOL ADMINISTRATION (Director, Division of Instructional Service, North Carolina Department of Public Instruction).

- HILL, HENRY HARRINGTON; A.B., A.M., University of Virginia; Ph.D., Columbia; PUBLIC SCHOOL ADMINISTRATION (Superintendent of Lexington, Ky., Schools).
- HILLMAN, JAMES ELGAR; B.Ped., Berea College; B.S., A.M., Ph.D., George Peabody College; EDUCATION (Director, Division of Professional Service, North Carolina Department of Public Instruction).
- HINSON, MURPHY ROY; A.B., University of Florida; M.A., Ph.D., George Peabody College; EDUCATION (Florida State College for Women).
- HOLLIS, ERNEST VICTOR; B.S., M.S., Mississippi State College; A.M., Columbia; George Peabody College, 1926-27; Columbia University, 1935-36; SECONDARY EDUCATION (College of the City of New York).
- HUGHES, MERRITT YERKES; A.B., Boston University; M.A., Edinburgh University; Ph.D., Harvard; ENGLISH (University of Wisconsin).
- JENKINS, RAYMOND; A.B., Cornell; Ph.D., Yale; ENGLISH (Catawba College).
- JORDAN, ARCHIBALD CURRIE; A.B., Duke; A.M., Columbia; Columbia, 1924-25; ENGLISH (Duke University).
- KRAMER, PAUL JACKSON; A.B., Miami (Ohio); M.S., Ph.D., Ohio State University; BOTANY (Duke University).
- LANDON, CHARLES E.; A.B., A.M., University of Kansas; Ph.D., University of Illinois; GEOGRAPHY (Duke University).
- LANNING, JOHN TATE; A.B., Duke; A.M., University of California; University of London, 1926-27; Ph.D., University of California; HISTORY (Duke University).
- McLEAN, ROSS HANLIN; A.B., Cornell; A.M., Ph.D., University of Michigan; HISTORY (Emory University).
- MANCHESTER, ALAN KREBS; A.B., Vanderbilt; A.M., Columbia; Ph.D., Duke; HISTORY (Duke University).
- MARBERRY, JAMES OSCAR; A.B., Ewing College; A.M., Ph.D., University of Wisconsin; EDUCATION (University of Texas).
- MILES, EDWARD ROY CECIL; B.S., Georgia School of Technology; A.M., Harvard; Ph.D., Rice Institute; MATHEMATICS (Duke University).
- NIELSEN, WALTER McKINLEY; B.S., Ph.D., University of Minnesota; PHYSICS (Duke University).
- ODELL, CHARLES WATTERS; A.B., A.M., DePauw; Ph.D., University of Illinois; EDUCATIONAL PSYCHOLOGY (University of Illinois).
- PATTON, LEWIS; A.B., Furman; Yale, 1923-26; ENGLISH (Duke University).
- QUYNN, DOROTHY MACKAY; A.B., A.M., University of California; Docteur de l'Université de Paris; HISTORY (Duke University).
- RATCHFORD, BENJAMIN ULYSSES; B.S., Davidson; A.M., Ph.D., Duke; ECONOMICS (Duke University).

- ROBERTS, JOHN HENDERSON; A.B., Ph.D., University of Texas; National Research Fellow, University of Pennsylvania, 1929-30; MATHEMATICS (Duke University).
- SAYLOR, JOHN HENRY; A.B., Southern Methodist University; A.M., Ph.D., Duke; CHEMISTRY (Duke University).
- SCATES, DOUGLAS EDGAR; A.B., Whitworth; Ph.D., University of Chicago; EDUCATION (Director of Research and Statistics, Cincinnati Public Schools).
- SCHUTTE, TENJES HENRY; A.B., A.M., University of Illinois; Ph.D., University of Chicago; EDUCATION (Huntingdon College).
- SHIELDS, JOHN HERMAN; A.B., A.M., University of Texas; Columbia, 1924-26; ACCOUNTING (Duke University).
- SLAY, RONALD JAMES; B.S., University of Mississippi; A.M., Ph.D., Columbia; TEACHING OF SCIENCE (East Carolina Teachers College).
- SMITH, CULVER HAYGOOD; A.B., Duke; A.M., Yale; Ph.D., Duke; HISTORY (University of Chattanooga).
- SPENCER, HAZELTON; A.B., Boston University; A.M., Ph.D., Harvard University; ENGLISH (The Johns Hopkins University).
- STOWE, ANCEL ROY MONROE; Ph.B., A.M., Northwestern; A.M., Harvard; Ph.D., Columbia; EDUCATION (University of New Hampshire).
- THOMPSON, EDGAR TRISTRAM; A.B., University of South Carolina; A.M., University of Missouri; Ph.D., University of Chicago; SOCIOLOGY (Duke University).
- TIREMAN, LOYD SPENCER; B.A., Upper Iowa University; M.A., Ph.D., University of Iowa; EDUCATION (University of New Mexico).
- WALLIN, JOHN EDWARD WALLACE; A.B., Augustana; A.M., Ph.D., Yale; EDUCATIONAL PSYCHOLOGY (Director of Special Education and Mental Hygiene, Delaware State Department of Public Instruction).
- WALTON, LORING BAKER; A.B., Princeton; Harvard, 1917-18; Lic. ès L., Sorbonne; FRENCH (Duke University).
- WILSON, FREDERICK ELIPHAZ; A.B., Oberlin College; A.M., Columbia; University of Leipzig, 1916-17; Harvard, 1922-23; GERMAN (Duke University).
- ZENER, KARL EDWARD; Ph.B., University of Chicago; A.M., Ph.D., Harvard; National Research Fellow in Psychology, University of Berlin, 1926-27; PSYCHOLOGY (Duke University).
- ALLEN, GAY WILSON; A.B., A.M., Duke; Ph.D., University of Wisconsin; ENGLISH (Bowling Green State University).
- ANDERSON, CHARLES ROBERTS; A.B., A.M., University of Georgia; Columbia, 1926-29; ENGLISH (Duke University).
- AVILÉS, LUIS ESTEBAN; A.B., Park College; A.M., University of Kansas; Ph.D., University of Illinois; SPANISH (Duke University).
- BERRY, THOMAS SENIOR; S.B., A.M., Harvard; Harvard, 1932-35; ECONOMICS (Duke University).

- BLACK, MARTIN LEE, JR.; A.B., Duke; M.B.A., Northwestern; C.P.A., Illinois and North Carolina; ACCOUNTING (Duke University).
- BRIDGERS, FURMAN ANDERSON; A.B., Duke; A.M., University of Chicago; University of Chicago, 1928-29, 1933; FRENCH (Duke University).
- BROWN, FRANCES; A.B., Agnes Scott College; Ph.D., Johns Hopkins; CHEMISTRY (Duke University).
- CARNEY, JAMES JOSEPH, JR.; A.B., A.M., Harvard; Duke, 1934-37; ECONOMICS (Duke University).
- CARPENTER, DAVID WILLIAMS; A.B., A.M., Ph.D., Duke; PHYSICS (Duke University).
- CURTIS, KADER RANDOLPH; A.B., Wake Forest College; M.Ed., Duke; EDUCATION (Superintendent of Wilson County and City Schools).
- DAVIS, GIFFORD; A.B., Bowdoin College; A.M., Ph.D., Harvard; FRENCH (Duke University).
- DE VYVER, FRANK TRAVER; A.B., A.M., Oberlin College; A.M., Ph.D., Princeton; ECONOMICS (Duke University).
- DOW, NEAL; A.B., Kenyon College; A.M., University of Pennsylvania; University of Pennsylvania, 1930-33; FRENCH (Duke University).
- DOW, MARIE T. LINIERE; L. es L., M.A., University of Lyon, France; FRENCH (Duke University).
- DRESSEL, FRANCIS GEORGE; B.S., Michigan State College; M.S., University of Michigan; Ph.D., Duke; MATHEMATICS (Duke University).
- DUNN, IONE HENDERSON; A.B., North Carolina College for Women; M.Ed., Duke; EDUCATION (Dean, Asheville Normal and Teachers College).
- ESKRIDGE, THOMAS JOSEPH, JR.; A.B., Emory and Henry College; A.M., George Peabody College; EDUCATION (Duke University).
- GIBSON, WILLIAM MARION; A.B., University of Richmond; A.M., Ph.D., Duke; POLITICAL SCIENCE (Duke University).
- GODARD, JAMES McFATE; A.B., Park College; A.M., Duke; Duke, 1930-31, 1932-36; EDUCATION (Dean, Queens-Chicora College).
- HAGAN, CHARLES BANNER; A.B., Emory and Henry College; A.M., University of Virginia; Ph.D., Duke; POLITICAL SCIENCE (Smith College).
- HARTON, JOHN JAMES; A.B., Hendrix College; A.M., George Peabody College; Duke, 1934-36; PSYCHOLOGY AND EDUCATION (Mary Baldwin College).
- HARWELL, GEORGE CORBIN; A.B., A.M., Duke; Duke, 1935-37; ENGLISH (Duke University).
- HAWKES, EVELYN JONES; A.B., A.M., Duke; Ph.D., University of Pennsylvania; SECONDARY EDUCATION (New Jersey College for Women).
- HILL, DOUGLAS; A.B., Yale; A.M., Ph.D., Princeton; CHEMISTRY (Duke University).
- HOBBS, MARCUS EDWIN; A.B., A.M., Ph.D., Duke; ASSISTANT IN CHEMISTRY (Duke University).

- KEECH, JAMES MAYNARD; A.B., A.M., Duke; Duke, 1930-33; ECONOMICS (Duke University).
- McEWEN, NOBLE RALPH; A.B., Birmingham-Southern College; A.M., Duke; Duke, 1930-32; EDUCATION (Salem College).
- MABRY, WILLIAM ALEXANDER; A.B., A.M., Duke; A.M., Harvard; Ph.D., Duke; HISTORY (Duke University).
- MARKS, SALLIE BELLE; A.B., A.M., Teachers College, Columbia; ELEMENTARY EDUCATION (Salem College).
- MAXWELL, WILLIAM CARY; A.B., A.M., Duke; Ph.D., University of Heidelberg; GERMAN (Duke University).
- MICHAELS, MATILDA OSBORNE; A.B., Duke; A.M., Columbia; ELEMENTARY EDUCATION (Supervisor Durham County Schools).
- PEARSON, CHARLES CHILTON; M.A., Richmond College; Ph.D., Yale; HISTORY (Wake Forest College).
- PERRY, HAROLD SANFORD; A.B., New York State College for Teachers; Ph.D., Cornell; BOTANY (Duke University).
- PORTER, ESTELLE RAWL; A.B., Winthrop College; Smith College, 1922-23; University of Chicago, 1926-27; ELEMENTARY EDUCATION (Queens-Chicora College).
- PRICE, GUY VAUGHN; A.B., William Jewell; A.M., University of Chicago; Ph.D., Duke; SOCIOLOGY (Teachers College of Kansas City).
- PULLIAS, EARL VIVON; A.B., Cumberland; A.M., University of Chicago; Ph.D., Duke; EDUCATION (Duke University).
- QUYNN, WILLIAM ROGERS; B.A., M.A., University of Virginia; Ph.D., Johns Hopkins University; ROMANCE LANGUAGES (Duke University).
- RAYMOND, MARY LOIS; A.B., Mount Holyoke College; A.M., Radcliffe College; University of Wisconsin, 1919-20; University of Madrid and University of Paris, 1921-22; School of International Studies, 1928; FRENCH (Duke University).
- SIMPSON, WILLIAM HAYS; A.B., Tusculum College; A.M., Ph.D., Duke; POLITICAL SCIENCE (Duke University).
- SMITH, ROBERT SIDNEY; A.B., A.M., Amherst College; Ph.D., Duke; ECONOMICS (Duke University).
- WARD, CHARLES EUGENE; A.B., Baker University; A.M., Ph.D., Duke; ENGLISH (Duke University).
- WATSON, KARL BRANTLEY, JR.; B.S., A.B., University of Chattanooga; A.M., Duke; Duke, 1936-37; EDUCATION (Duke University).
- WEST, ALFRED THURBER; B.S., Alabama Polytechnic Institute; A.M., University of Alabama; Teacher's Certificate from American Academy of Dramatic Art; ENGLISH (Duke University).
- WHITE, MARIE ANNE; A.B., A.M., Washington University; ENGLISH (Duke University).
- WOODY, ROBERT HILLIARD; Ph.B., Emory; A.M., Ph.D., Duke; HISTORY (Duke University).

- ALSTON, AUGUSTA MICHAELS; A.B., Duke; DRAWING. (Durham City Schools).
- BARNES, WILLIAM SPEIGHT; A.B., Duke; J.D., University of Arizona; Duke, 1935-37; ASSISTANT IN PHYSICS (Duke University).
- BRIGHT, ROBERT DIETRICH; A.B., Dartmouth College; Duke, 1936-37; ASSISTANT IN CHEMISTRY (Duke University).
- DEANS, EDWINA; A.B., North Carolina College for Women; M.Ed., Duke; ELEMENTARY EDUCATION (Greensboro City Schools).
- HOPKINS, JOHN ISAAC; B.S., A.M., Duke; Duke, 1935-37; ASSISTANT IN PHYSICS (Duke University).
- MASON, MARY LOCHER; Diploma, Maryland Institute; Diploma in Fine Arts, Teachers College, Columbia; DRAWING (Durham City Schools).
- MOORE, EUNICE MARTHA; B.S., Maryland College for Women; M.A., Johns Hopkins; Duke, 1936-37; ASSISTANT IN CHEMISTRY (Duke University).
- PECK, ROBERT LAWRENCE; B.S., Duke; Duke, 1936-37; ASSISTANT IN CHEMISTRY (Duke University).
- TWADDELL, VERA CARR; A.B., Duke; MUSIC (Formerly Supervisor of Music, Durham County Schools).
- VERMILLION, HERBERT EDWARD; B.S., Monmouth College; Duke, 1935-37; ASSISTANT IN CHEMISTRY (Duke University).
- WYCHE, ALMA; A.B., Duke; M.S., Wellesley; PHYSICAL EDUCATION (Duke University).

DUKE UNIVERSITY SUMMER SCHOOL

Duke University, located at Durham, North Carolina, includes Trinity College, the Woman's College, the Graduate School of Arts and Sciences, the Schools of Religion, Law, Medicine, and Nursing, the Duke Forest, and the Departments of Education and Engineering. Forty-five states and several nations are represented in the student body of more than 3,300 not including the enrollment in the Summer Schools.

In 1936 there was a total of 3,055 registrations in Duke University Summer School and affiliated schools. Of these 1,737 students enrolled in the first term of the Duke University Summer School, 360 the second term, and 620 the third term; 193 were enrolled in the Junaluska Summer School, Inc., and Junaluska School of Religion at Lake Junaluska; and 145 were enrolled in the Medical School and the School of Nursing. Deducting from the total number of registrations those who registered for two terms, there were 2,684 students enrolled for either six or twelve weeks in the summer of 1936.

A noteworthy feature of the 1936 enrollment was the large number of graduate students, of whom there were 992 the first term, 180 the second, and 369 the third, admitted on the basis of Bachelor's degrees from 279 different colleges and universities. The total enrollment for the summer was drawn from forty-four states and eleven foreign countries, the larger enrollments being from North Carolina, Pennsylvania, West Virginia, Florida, South Carolina, Georgia, Virginia, Tennessee, New Jersey, Mississippi, Maryland, New York, Alabama, and Kentucky in the order named. Public school teachers from twenty-nine states were included in the total.

CAMPUS AND BUILDINGS

Duke University is located on two campuses connected by prompt and inexpensive bus service. Including the Duke Forest of approximately 4,750 acres, most of which is adjacent and easily accessible to the West Campus, the campuses contain 5,200 acres. The Forest is being developed as a field laboratory for demonstration, research, and other educational use by the forestry, botany, and zoology students. Both campuses will be used by the Summer School of 1937. The West Campus will be used for the graduate students, both men and women, all three terms, and for undergraduates the last six weeks. This campus, with its Tudor Gothic architecture, has all dormitories, laboratories, classroom buildings, auditorium, administration building, and the buildings of the professional schools conveniently grouped around the quadrangle dominated by the University Chapel. On one corner immediately beyond the Chapel is the General Library, the largest in the Southeast. Opposite the Library is the Union, center of student activities, one of the most complete

buildings of its kind to be found in American institutions. In it are housed practically all the facilities needed in the general day-by-day round of student life, including a large social lobby, reading-room, information office, alumni and news service headquarters, five dining-rooms, reception rooms, headquarters for various student organizations, the government post office, the University Store, a complete haberdashery, and a barbershop.

The East Campus, which during the academic year houses the Woman's College, will be used exclusively for undergraduates the first six weeks of Summer School. All undergraduate women will be housed on this campus, all undergraduate classes except in laboratory science (chemistry, physics, and zoology) will be held there, and library books reserved for the use of undergraduate courses will be reserved in the East Campus Library. The dining-room and other facilities will be fully available for the use of undergraduate students the first six weeks. Southgate Dormitory, which during the academic year is used by the engineering students, will be reserved for undergraduate men the first six weeks.

CALENDAR AND REGISTRATION: THREE TERMS

In 1937, for the fourth time, the Summer School will operate a mid-summer term, making it possible for students to enter June 9, July 1, or July 21. The first term of Summer School will close July 20, the second term August 11, and the third term August 31. Students desiring to work for twelve weeks should enroll for the first and third terms. All Mondays except June 21, July 19, and August 2 and 16, are holidays. Second-term students, however, will have July 19 as holiday, instead of July 12. July 5 will be observed as Independence Day.

For the first term, Wednesday, June 9, is registration day. Students should be present at 9 A.M. and 2 P.M. to submit their credentials for admission, to select their courses, and to make arrangements concerning board and lodging. Students arriving after 5 P.M., Wednesday, will register Thursday, June 10, 8:30 A.M., or 2 P.M.* Regular classes will meet at 8:00 Thursday morning, and recitation work will begin at once according to schedule.

For the midsummer term, Thursday, July 1, is registration day, and classes will begin Friday, July 2. For the third term, Wednesday, July 21, is registration day, and classes will begin at 2:30 P.M. Wednesday, July 21, according to schedule.

ADMISSION

Applicants for admission must have completed a high-school course. As evidence of this, a teacher's certificate of grade as high as North Carolina elementary will be accepted from teachers with two or more years of experience. Certificates and other credentials must be submitted to the Committee on the Summer School at the time of registration. Students

* N.B.—Students who register late are marked absent for all classes held prior to their registration. Late registration very seriously affects credits that may be obtained.

who wish to enroll for graduate credit should submit their credits from other institutions to Dr. William H. Glasson, Dean of the Graduate School, before registration, preferably by mail. Undergraduate students should apply to the Director of the Summer School for a special blank to be signed by the dean of the college to which they desire their credits sent, certifying approval of the courses for which application is made. The Summer School reserves the right to reject any application or to cancel any registration without assignment of reason.

CREDITS

Professional credits towards teachers' certificates are granted by the various state boards of education, each in accordance with its own carefully planned rules. Teachers should consult the rules laid down by their State Board of Education before enrolling for certification credit. Any student, however, whose work is of such quality as to deny him credit toward a degree, fails to receive "professional" credit.

College credits are offered as follows: A course of five hours a week for six weeks counts for two semester-hours of credit, and a course of seven and one-half hours a week for six weeks counts for three semester-hours of credit, and a course of ten hours a week for six weeks counts for four semester-hours of credit in Duke University. No student is allowed to take more than fifteen hours of work a week without the consent of the Director and of the instructor in whose department the student expects to do his major work.* Except in the case of elementary laboratory science, in which eight semester-hours may be completed in seven weeks, the University will not accept credit beyond six semester-hours earned in one term toward the Bachelor's degree. Graduate students are not under any circumstances permitted to enroll for more than six semester-hours in a summer school of six weeks. They forfeit graduate credit by undertaking more than six semester-hours of work, even though part of the work may carry undergraduate credit only. A student of senior standing, however, may elect as many as eight semester-hours of such elementary-skill work as drawing, public school music, and the like, that do not carry college credit, or courses primarily for Freshmen and Sophomores, and obtain such professional credit as his State Department of Education will allow, not to exceed the maximum eight stated. The North Carolina State Department of Education disapproves of more than seven semester-hours in one term of six weeks.

The nature of the credit allowed for each course is indicated by the number of the course. Courses numbered 1-49 are primarily for Freshmen, or Freshmen and Sophomores; courses numbered 50-99 are ordinarily for Sophomores, or Sophomores and Juniors; courses numbered 100-199 are for Juniors and Seniors; courses numbered from 200-299 are for Seniors and graduates; and courses numbered from 300 up are for grad-

* No student liable to suspension from the University under its rules regarding failure is permitted to enroll in the Summer School.

uate students only and are of very limited enrollment. Courses numbered from 200 up are limited in enrollment to twenty-five students, and during the summer consist almost exclusively of graduate students.

Students registered for graduate courses in the Summer School, who desire to have their work credited toward the Master's degree, should also register in the office of the Dean of the Graduate School during the first week of each summer term.

EXAMINATIONS

The last two days of each term of six weeks are devoted to examinations. The University has no provisions for giving examinations *in absentia*, but students absent from examination for valid reason are permitted a liberal extension of time in which to return to the University for completion of credit.

The early opening of schools in which many Summer School students happen to teach, sometimes necessitates the return home of students before the end of the third term of Summer School. The provision made for such students is as follows: Any student whose record is superior in a given course may with the consent of his instructor and the approval of the Director of the Summer School obtain a special examination not earlier than the fourth day before the regularly scheduled examination. If he takes such examination, the total credit in each course is reduced by one-sixth; in other words, the student is interpreted as having completed five weeks of Summer School, and his maximum allowable credit, therefore, is five semester-hours.

GRADUATE INSTRUCTION

Students who have received a Bachelor's degree for a four-year undergraduate course from a college of sufficiently high standing may be admitted to take courses in the Graduate School of Arts and Sciences of Duke University. The department concerned will determine whether a student is prepared to take any particular course. *Admission to graduate courses does not necessarily imply admission to candidacy for a degree.* A candidate for admission as a graduate student should present satisfactory evidence that he has received a Bachelor's degree from a college or university which is a member of the Southern Association of Colleges and Secondary Schools or of one of the similar associations in other sections of the country (provided that the degree must have been conferred after the admission of the college or university to membership in said association); or from a North Carolina college whose Bachelor of Arts or other Bachelor's degree is accepted by the State Department of Education as the basis for issuing the high-school or primary certificate of Class A. A degree from an institution outside of the state of North Carolina, not provided for above, may be accepted when an investigation in the individual case shows that qualifications are satisfactory.

ADVANCED DEGREES

The degrees offered in the Graduate School of Arts and Sciences are Master of Arts (A.M.), Master of Education (M.Ed.), and Doctor of Philosophy (Ph.D.). Some departments of the University are now prepared to give a full program of work leading to the degree of Doctor of Philosophy; other departments are gradually enlarging the scope of their instruction.

ADMISSION TO CANDIDACY FOR A DEGREE

A graduate student who desires to be accepted as a candidate for a degree should file with the Dean of the Graduate School an official transcript of the record of his undergraduate work and also of any graduate courses he may have completed. He should also confer with the head, or chairman, of the department in which he desires to take his major work. Applications for admission to candidacy for the degree of Master of Arts or Master of Education should be made at the beginning of the first year of graduate work, and for the degree of Doctor of Philosophy at the beginning of the second year of graduate work. Before receiving recognition as a candidate for a degree, the student must satisfy both the general requirements of the Graduate School and the special requirements of the department in which he is taking his major work.

THE DEGREE OF MASTER OF ARTS

Candidates for the degree of Master of Arts are required to have a reading knowledge of two foreign languages, evidenced by examination or by credit obtained for at least six semester-hours of college work in each. If this requirement has not been satisfied before admission to candidacy for the degree, the required foreign language work must be completed before the degree is conferred and will not be counted for credit toward the degree. The two foreign languages offered must be acceptable to the department in which the candidate is taking his major work.

To obtain the degree of Master of Arts a candidate must complete satisfactorily twenty-four semester-hours of graduate courses and a thesis. The credit for the thesis is six semester-hours. Each candidate for the degree must select a major subject in which the minimum requirement is twelve semester-hours and the thesis. [Before selecting his major in a department, a student must have completed a minimum of twelve semester-hours of approved *preliminary* courses in that department and twelve additional semester-hours either in that department or in related work.] A candidate must take six semester-hours of graduate work in a minor subject approved by the major department, and the remaining six semester-hours in the major or minor subjects or in a department approved by the major department and by the Graduate Council. No undergraduate course may be credited toward the degree of Master of Arts.

MINIMUM RESIDENCE REQUIREMENTS

The minimum residence requirement of candidates for the Master's degree is one academic year. Often a longer period of residence will prove necessary. In the case of graduate students who take all the work for the Master's degree in the Summer School, the minimum residence requirement is five summer terms of six weeks each.

DEGREE OF MASTER OF EDUCATION

The degree of Master of Education is granted to teachers, or others engaged in educational service, upon completion of the prescribed program of study. Candidates for the degree must have had two years of practical experience in teaching when the degree is conferred. This experience may be obtained in the two years immediately prior to entering upon candidacy for the degree, or it may be obtained concurrently with the period of study for the degree.

A preliminary requirement for admission to candidacy for this degree is the completion of a minimum of twelve semester-hours of approved undergraduate work in education, including work in educational psychology and work in either history of education, educational sociology, or school administration.

The requirements for the degree of Master of Education are twenty-four semester-hours of graduate courses and a thesis. Candidates must take a minimum of twelve semester-hours of work and write a thesis in the Department of Education. At least six semester-hours must be taken in some de-

partment other than the Department of Education. Students who are preparing to teach secondary school subjects are advised strongly to take twelve semester-hours of graduate work in the subjects they intend to teach. In such cases the thesis may be prepared under the joint supervision of a department in which the student intends to teach and the Department of Education.

The residence requirements for the degree of Master of Education are the same as those for the degree of Master of Arts.

THESIS FOR THE MASTER'S DEGREE

The title of the thesis required in partial fulfilment of the requirements for the degree of Master of Arts or Master of Education must be approved by the department or departments concerned and filed with the Dean of the Graduate School on or before November 1 of the academic year in which it is expected that the degree will be conferred.

Four bound typewritten copies of each thesis must be submitted to the Dean of the Graduate School in approved form on or before May 15 of the year in which the degree is conferred. The thesis is passed upon and accepted or rejected by an examining committee of three members of the Faculty. Each candidate is required to appear before the committee for an oral examination on the thesis.

SUMMER SCHOOL WORK FOR THE MASTER'S DEGREE

Graduate students may not receive more than six semester-hours of credit for work taken in one summer session of six weeks. The degree of Master of Arts or Master of Education can be earned in five such summer sessions by students who are well prepared for graduate work. All the work offered for the Master's degree must be completed within a period of six years.

CREDIT TOWARD THE MASTER'S DEGREE FOR WORK DONE ELSEWHERE

No credit toward advanced degrees is given for university extension or correspondence courses.

Not more than six semester-hours of credit toward the Master's degree may be given to graduates of Duke University or of other approved colleges or universities for acceptable graduate courses or research work completed elsewhere. Such credit will not shorten the minimum period of residence required at Duke University.

DEGREE OF DOCTOR OF PHILOSOPHY

A student who plans to enter upon a program of work leading to the degree of Doctor of Philosophy should consult, or enter into correspondence with, the Dean of the Graduate School and the head of the department concerned. He will then be advised as to the possibility of securing the necessary instruction and supervision of research in the desired field.

THESIS WRITING IN SUMMER SCHOOL

Since Duke University grants no Master's degree except upon completion of a satisfactory thesis, every candidate for the Master's degree who expects to complete his work in Summer School should as soon as possible after completing his first term of residence choose a field in which he desires to write a thesis and confer with some instructor offering graduate courses in that field. The following points should be kept clearly in mind when arrangements are made for thesis supervision:

1. The subject of the thesis must be approved by the instructor who undertakes the supervision. The instructor's decision as to whether the topic is suitable, or the student is prepared to develop it, or the instructor prepared to supervise it, is final.

2. A student may enroll for six semester-hours of residence credit towards a thesis or for less, in one term of six weeks. If he enrolls for only three semester-hours he may enroll also for a course of three semester-hours, but he cannot enroll for a total of more than six semester-hours of credit, including residence toward his thesis. Completion of six semester-hours of residence toward his thesis does not guarantee the satisfactory completion of the thesis, which must be acceptable to the instructor supervising it and to a committee representing the Council on Graduate Instruction. Students who do not complete their theses the first term they register for supervision have the privilege of registering a second term upon payment of regular dues, but are not required to do so. Since the numbers permitted to enroll in thesis seminars are strictly limited, such students are not permitted to register for a third term of supervision.

3. A student may either enroll in a specifically designated "thesis" course or, if his preparation meets the approval of the instructor in charge, attach himself to some regularly offered course in his field of study and report periodically to the instructor offering the course.

4. A student enrolling for thesis residence credit in regular course pays the same fees as other students during the summer of residence. At the time of graduation he pays the same diploma and commencement fees as other students and thesis supervision fee of \$25.00.

5. Students enrolling for thesis supervision during the Summer School are expected to complete their theses largely during the summer of enrollment or some subsequent summer term. The instructor with whom they enroll is not under obligation to give active supervision during the academic year, although instructors are willing to give a reasonable amount of attention to theses practically complete. Similarly, instructors in Duke University who are not teaching in the Summer School are not expected to undertake the supervision of theses written by Summer School students.

6. Students of the academic year who do not complete theses begun prior to Summer School are not accepted for Summer School enrollment unless their subjects are in the field of some thesis seminar or other course offered by an instructor who recommends that such students be assigned to his supervision during the summer. Instructors who are employed for full time by the Summer School are specifically requested not to carry over into the summer thesis students whose subjects are not properly a part of work such instructors are offering in the Summer School.

ROOMS AND BOARD

Board and room for a term of six weeks may be secured in the men's dormitories at the rate of \$51.50 for a single room, \$46.50 for each occupant, with two in a room, or \$59.00 if double room, alone, is engaged. On account of extra service the rate in the women's dormitories is one dollar a term higher; that is, \$52.50 for a single room, \$47.50 for each occupant, with two in a room, and \$60.00 for a double room, alone. These rates both for men and women are in each case one dollar lower than the total for board and room counted separately. Many of the rooms on the East Campus are single rooms; on the other hand, on the West Campus there are very few single rooms, most of these on third floor. During the first term, graduate students will live on the West Campus, and under-

graduates on the East. During the terms when all students will live on the West Campus, separate dormitories will be reserved for graduate students and for undergraduates. There is no dormitory reserved for married students, and under no circumstances will children be admitted to the dormitories. Students who desire to bring children, or married students who desire rooms, should write the Director for a list of private rooming places where suitable accommodations may be obtained. Occupants of University rooms furnish their own bedclothes, pillows, and towels. All other essentials are supplied by the University.

The rules and regulations in all dormitories are substantially the same as those for the regular academic year; but *in the graduate dormitories all radios, phonographs, and other noise-making appliances are strictly forbidden.*

All occupants of University dormitories are advised to board in the regular dining-room of the Union, where at meal time there is the opportunity to meet with fellow-students, and where, because board is furnished at cost, the greater number of students guarantees better board for all. The service is cafeteria plate-service. Men who live in the dormitories but desire to board elsewhere than in the regular dining-room will pay room-rent at the rate of \$17.50 for a single room, \$12.50 for each occupant, with two in a room, or \$25.00 for a double room, alone; and women, at the respective rates of \$18.50, \$13.50, and \$26.00. Students who room off the campus but desire board in the Union may obtain it for thirty-five cents a meal, or \$35.00 for the six weeks. Students who present their receipted room reservations at the time of purchasing meal-tickets for the term are allowed a discount of one dollar from the \$35.00 rate for their meal-tickets, as stated above, this accounting for the combination room-and board-rate quoted above. As the sole purpose of this discount is to encourage a larger volume of business in the regular dining-room and thereby to obtain the best possible board for the large majority of students who take their meals there, it is not effective in the Union Coffee Shop, where the more expensive *a la carte* service may be obtained by those who prefer it.

FEES

Teachers in active full-time service in schools and colleges are exempt from tuition fees for as many as four terms of six weeks in a period of six years. After their fourth term they pay regular tuition charges. All other students are charged a tuition fee of \$3.00 for each college-credit hour, or \$4.00 for each semester-hour, maximum tuition being \$24.00 for six weeks, or \$30.00 for courses running seven weeks. All students, teachers included, pay a registration fee of \$17.50 per term. Students in the sciences pay the laboratory fees required in regular term, and students writing theses pay the regular commencement charges at the time of receiving their degrees, and the special supervision fee of \$25.00.

Major expenses may be estimated as follows for each term:

Registration	\$17.50
Room-rent and board	47.50
Total major expenses to teachers	\$65.00

In the men's dormitories, as has been stated, the charge for rooms is one dollar less, making the total major expenses for occupants \$64.00. To these totals should be added the tuition fee of \$24.00 charged students other than teachers in the public schools and also charged teachers who have already received four terms exemption, about \$7.00 for books, and probably \$3.00 for miscellaneous expenditures. All claims for exemption from tuition should be filed at the time of registration.

RESERVATION IN ADVANCE

Classes are of limited enrollment. All applications for registration in classes, as well as applications for rooms, are filed in the order in which they are received. Each application for a reservation should be accompanied by a check for \$5.00 in part payment of the registration fee. Such reservation is designed a "general reservation" and simply guarantees a place, subject to the right of the Summer School to cancel, in one of the dormitories and in classes. Students who make such reservations will select, upon their arrival at the University, the specific rooms they are to occupy. *No specific rooms are assigned except upon receipt in advance of full room-rent.* Floor plans of dormitories will be sent upon request to students who wish to make specific reservations of rooms.

Because of the rapid growth of the Summer School, making it uncertain that late applicants will be able to find room on the campus, *students are urged to reserve specific rooms in advance.* They may reserve specific rooms by paying, at the time the reservation is made, the regular charge of \$17.50 (or \$18.50) for a single room, \$12.50 (or \$13.50) for a room with a roommate, or \$25.00 (or \$26.00) for a double room alone. Specific room reservation for the first term may be made at any time after February 15. As the total registration for the first term affects the decision as to which buildings are to be used for the second and third terms, specific room reservations for these two terms should not be requested before June 22 and July 12, respectively. Students who pay their room-rent in advance are allowed until May 25 to select a roommate. Adjustments may be made as to roommates within the first three days of the term. No room may be reserved by more than two students, but adjoining rooms may be reserved by groups who desire to be together. Students who enroll for the first term have priority in reserving their first-term rooms for the last term.

During the first term all undergraduate classes, except those in chemistry, dramatics, forestry, and physics will meet on the East Campus; all other work will be offered on the West Campus. During the third term, all classes will meet on the West Campus. Each campus

has its complete equipment immediately available—classrooms, library, dining-rooms, health department and recreational facilities, bus service to the other campus and to town, etc. As the two campuses are about a mile apart, students are advised to live on the campus where their classes will be held. Exception is made in the case of students of undergraduate-college age, for whom rooms will be reserved only on the East Campus during the first term.

APPOINTMENTS BUREAU

A Teachers' Appointments Bureau is maintained for the benefit of teachers desiring a change of position. There is no charge for this service.

RELIGIOUS SERVICES

University religious services are held each Sunday morning at 11:00 o'clock, to which all students are invited. In the summer of 1936 the student choir, a voluntary organization, enrolled 160 students. A series of organ recitals are also given Sunday afternoon and at other times each week in the University Chapel.

RECREATION AND ENTERTAINMENT

At the time of registration every student receives a season ticket to all recreation and lecture programs. In addition to admission to special lectures, and other features of entertainment provided, this ticket entitles the student to use of the tennis courts and of the swimming pools, which are open an hour and a half daily for various groups of students. There are also an evening play-hour sponsored by the Department of Physical Education and a Sunday evening "sing" that has grown to be a tradition among the quadrangle students.

Mr. Anton Brees, Carillonneur of the Mountain Lake Singing Tower, Lake Wales, Florida, will give recitals on the fifty-bell carillon of the University at stated times twice a week during the Summer School.

The national honor society in education, Kappa Delta Pi, maintains a weekly forum to which all students are invited.

State clubs, organized by students from the states best represented in the student body, chiefly the students from West Virginia and Pennsylvania southward to Florida and Mississippi, co-operate with the Social Director to provide wholesome recreational life for the students. At the beginning of each term the management of the University Union co-operates with the state clubs to provide an all-state dinner. The first Friday evening of each term is set aside for the opening general assemblies of students and Faculty.

The first two weeks of Summer School coincide with a noteworthy conference on international relations and with institutes sponsored by the Duke University School of Religion and various denominational and inter-denominational groups that bring to the campus many outstanding leaders in American religious and social thinking. To these various programs,

most of them held on the East Campus, Summer School students are cordially invited.

COACHING SCHOOL

The Athletic Department of the University conducts a one-week coaching school for high-school coaches, July 26-31. Registration for the school is \$10.00. The courses will be offered by Coach Wallace Wade and his staff and will include football, basketball, track, and boxing.

AFFILIATED SUMMER SCHOOLS

The Junaluska Summer School, Inc., Lake Junaluska, N. C., is an independent school affiliated with Duke University. It has for the summer of 1937 been combined with Junaluska School of Religion and will offer undergraduate courses in field botany, economics, elementary education, English, government, and religion. The only graduate work offered toward the A.M. degree will be in the field of botany, but the Junaluska School of Religion offers credits toward the B.D. degree. (For further information address Dr. Paul N. Garber, Director, Duke University, Durham, N. C., and see description of courses, pages 54-55, this bulletin.) Junaluska Summer School will begin its single term June 10 and close July 20, making it possible for a student attending Junaluska to transfer to Durham in time for the third term, July 21 to August 31.

SCHOOL FOR WORKERS IN CHILDREN'S HOMES AND ORPHANAGES, JULY 26 TO AUGUST 13

In co-operation with the Tri-State Conference of Orphanage Workers the Summer School will operate a three-weeks school for the in-service training of teachers and personnel employees in the children's homes and orphanages of Georgia and the Carolinas. The program will consist of a regular ninety-minute period daily in Mental Hygiene of the Child, a sixty-minute lecture period daily, followed by open forum discussions on problems connected with child welfare, social service, and institutional administration, and evening lectures of broad cultural interest. Monday, July 26, will be registration day, and lectures will begin that evening. Monday, August 2, will be a holiday in order to give the students attending opportunity to visit nearby points of interest in their work. These students will receive the same consideration as teachers in the public schools and will be exempt from tuition charges. Their total expense for board, room, and fees, with two persons to a room, will be \$32.00 for the three weeks, or \$38.00 if room alone is engaged. A certificate of attendance and of work completed will be given at the close of the school, but it has not been arranged to offer credit toward college degrees for the work. For further information, address the Director of the Summer School, Duke University, or Mr. I. G. Greer, President, Tri-State Conference of Orphanage Workers, Baptist Orphanage of North Carolina, Thomasville, N. C.

SUMMER SCHOOL OPPORTUNITIES FOR GRADUATE STUDENTS

A majority of the students in the Summer School are graduates of standard colleges, most of them supervisory officials and teachers in the public schools. Departments of instruction, therefore, offering courses related to the common secondary-school curriculum have built up regular sequences of graduate work continuing through a series of summer schools in which graduate students may enroll with reasonable assurance that sufficient work will be offered to enable a properly qualified student to complete Master's requirements easily within the period permitted by the University. Departments in which sufficient demand for graduate courses has developed to enable students to complete Master's degrees are botany, economics, education, English, French, history, mathematics, political science, psychology, religion, sociology, Spanish, and zoology. It is intended to add complete sequences in other departments as rapidly as demand justifies. The Department of Religion offers work toward the B.D. degree, and students in that department can also obtain B.D. work in the affiliated summer school at Lake Junaluska. In the Department of Education complete sequences of work for the Master's degree are offered in the divisions of public school administration, secondary education, educational psychology, and elementary school education. This variety of offerings should cause students in this department to be especially careful to select a unified course.

In all departments a graduate student must select his minor subject to the approval of his major department. Under "Courses of Instruction," pages 25-49, this bulletin, specific regulations and suggestions of departments are given. It is important for all degree candidates to choose their courses according to some unified plan. Mere accumulation of more or less unrelated credits in various divisions of a department with a minor in some department only remotely related to the student's major work will not be accepted as meeting requirements for a graduate degree. Students are advised to choose their first term's work along the line of their major interest and then each succeeding term exercise increasing care in advising with their major professor and the Dean of the Graduate School as to properly related work.

SPECIAL NOTICE TO NORTH CAROLINA TEACHERS

The North Carolina State Department of Education has requested that publicity be given to the following announcement:

As of July 1, 1939, and thereafter, the Class A Certificate built up from a lower grade certificate will be based upon a satisfactory completion of the requirements for a degree from a standard college, along with, or in addition to, the specific certificate requirements. It is suggested that those teachers in service who may not reasonably be expected to qualify for the Class A Certificate prior to July 1, 1939, arrange their program of studies in co-operation with the institution from which they would like to obtain the degree.

Teachers who are expecting a change in their certificate for 1937-38 as a result of their summer school work, should wait for four weeks before making

any inquiry of the State Department of Public Instruction. Last year about eleven thousand summer school records were handled. It should be reasonable to assume a month's time would be required for handling these records and issuing the certificates growing therefrom.

Teachers who are expecting their certificates to be raised as a result of summer school attendance should not send their old certificates to the State Department of Public Instruction. This is not necessary for the issuance of the new certificate.

Teachers should not send to the State Department of Public Instruction their personal reports of summer school work. The report must come direct from the institution, and it will be sent by the institution if the teacher has properly registered, giving exact name, serial number of certificate held, etc.

Any North Carolina public school teachers, therefore, who do not expect to raise their certificates under the present plan before July 1, 1939, should be especially careful to take the precise degree requirements of the institution they attend this summer.

Undergraduate teachers planning to register for Bachelor's degrees from Duke University should correspond with Dr. Walter K. Greene, Dean of Undergraduate Instruction, and bear in mind the following elementary minimum requirements for all groups of studies leading to the A.B. degree: English, six semester-hours; natural science, eight; economics, history, or political science, six; one foreign language completed through the third college year, twelve or eighteen semester-hours; and religion, six.

COURSES EMPHASIZING PUBLIC SCHOOL CURRICULUM RECONSTRUCTION OFFERED IN THE SUMMER OF 1937

Courses in public school curriculum reconstruction will be emphasized in the summer of 1937 as in the two preceding summers. Interested persons are referred to the courses listed under Secondary and Elementary Education, on both graduate and undergraduate levels. More than three hundred teachers in the public schools were enrolled in these courses in the summer of 1936.

COURSES OF INSTRUCTION

EXPLANATIONS AND ABBREVIATIONS

Classes meet daily five times per week for six weeks unless otherwise indicated. Classes that meet for sixty-minute periods are indicated as carrying two semester-hours of credit. Classes meeting eighty-five minute periods daily count for three semester-hours except where credits are stated otherwise. Courses are arranged alphabetically by departments. The course numbers are the same numbers used in describing courses in the regular term, with the letter "S" preceding; for example, Chemistry S1 would correspond to Chemistry 1 of the regular term.

The following abbreviations occur: the numeral *I* means that the course comes the first sixty-minute period daily, beginning at 8:25; *2*, the second sixty-minute period, beginning at 9:45; *3*, the third sixty-minute period, beginning at 11:30. *A* means that the course comes the first eighty-five minutes daily, beginning at 8:00; *B* means that the course comes at the eighty-five-minute period, beginning at 9:45; *C* means that the course comes at the eighty-five-minute period beginning at 11:30; *I* means that the course is offered the first term; *II*, that it is offered the second (or midsummer) term, beginning July 1; *III*, that it is offered the third term, beginning July 21; *I, III*, that the course is offered either term. *E* means that the course is offered on East Campus; *W* on the West Campus. Unless stated to the contrary, all classes are scheduled for the West Campus; except that for the first six weeks undergraduate classes, those numbered below 200, will be scheduled for the East Campus unless statement is made to the contrary. For complete schedule of rooms and courses, students should consult the official bulletin boards at time of registration.

Periods 1, 2, and 3 do not conflict; and periods A, B, and C do not conflict; but period A conflicts with 1, B with 2, and C with 3. Terms I and III do not conflict; but term II conflicts with both I and III.

N.B.—Different State Departments of Education grant professional credit for various courses in accordance with their own carefully defined rules. Every student should inquire carefully at or before registration as to what professional credit is allowed for each course in his state.

THESIS COURSES FOR MASTER'S DEGREE CANDIDATES

It is important for every candidate for a Master's degree to plan for his thesis as soon as possible after he completes his first summer school. (See suggestions for planning theses, pages 17-18, this bulletin.) Special attention is called to Education S300, S300X, S309X, S322, S334X, S338, Chemistry S275X, English S307X, S308X, S314X, S329X, French S353, History S305, S306X, S308A, S315, Mathematics S390X, Religion S363, Sociology S340, Spanish S370X, and Zoology S353. A properly qualified student, however, may with the approval of the instructor and the head of his department attach himself to any graduate course for thesis supervision.

BIOLOGY

See courses listed under Botany and Zoology.

BOTANY

For admission to candidacy for the Master's degree in Botany, students must have completed a minimum of eighteen semester-hours of biological

science, including six semester-hours of Botany in courses numbered above one hundred. Students who have not yet had the minimum eighteen hours, however, may enter higher courses by permission of the instructor, if he is convinced that they can carry the work, for undergraduate credit, and may count such work toward the eighteen hours necessary for candidacy.

S201. Structure of Seed Plants.—The development and structure of vegetative and reproductive organs of seed plants, with special emphasis on Angiosperms. Prerequisite: two years of botany or equivalent. *A and B, I. 3 s.h.* (Laboratory fee, \$2.50.) MISS ADDOMS

202. Genetics.—The principles of heredity, their cytological basis, and their bearing on other fields of biology. Laboratory work involves experimental breeding of the fruit fly and observations on the breeding of plants. Prerequisites: one year of botany, zoology, or equivalent, and college algebra. *A and B, III. 3 s.h.* (Laboratory fee, \$2.50.) MR. PERRY

S216. Preparation of Botanical Materials.—A study of materials and equipment used in botanical teaching; practice in collecting and preserving materials, the preparation of microscopical slides, the use of the microscope, etc. Prerequisite: two years of botany, or equivalent. 2:00-5:00 P.M., I. 3 s.h. (Laboratory fee, \$5.00.) MISS ADDOMS

S341. Methods in Plant Physiology.—Introduction to principles and methods of physiological research, including the theory and use of apparatus. Prerequisites: two years of botany, including a course in physiology, or equivalent. 2:00-5:00 P.M., III. 3 s.h. (Laboratory fee, \$2.50.) MR. KRAMER

CHEMISTRY

S1. General Inorganic Chemistry.—Lectures, recitations, and laboratory work on the elementary principles of chemistry and on the occurrence, preparation, properties, and uses of the elements and their compounds. It is desirable, though not required, that students taking this course shall have taken elementary physics either in high school or in college. *Recitation daily, 1; lecture daily, 11:30; laboratory hours to be arranged, III (July 13 to August 5). 4 s.h. (w)* (Laboratory fee, \$7.00.)

MR. R. N. WILSON AND MR. HOBBS

S2. General Inorganic Chemistry.—Lectures, recitations, and laboratory work on the elementary principles of chemistry and on the occurrence, preparation, properties, and uses of the elements and their compounds. Prerequisite: Chemistry S1. *Recitation daily, 1; lecture daily, 11:30; laboratory hours to be arranged, III (August 6 to August 31). 4 s.h. (w)* (Laboratory fee, \$7.00.)

MR. R. N. WILSON AND MR. HOBBS

S61. Qualitative Analysis.—A study of the reactions of acids, bases, and salts in solution as applied to the qualitative analysis of mixtures of inorganic compounds of the more familiar elements. *Lecture or recitation daily, 9:00-10:30; laboratory daily, 10:40-12:10 and 2:00-5:00, I (June 10 to July 7). 4 s.h. (w)* (Laboratory fee, \$7.00.)

MR. SAYLOR AND MR. VERMILLION

NOTE 1. Unless stated to the contrary, all classes are scheduled for the West Campus; except that for the first six weeks undergraduate classes, those numbered below 200, unless specifically indicated otherwise, will be scheduled on the East Campus. For complete schedule of rooms and classes students should consult official bulletin boards at time of registration.

NOTE 2. Unless a different limitation is stated, all courses numbered 200 or above are limited in enrollment to twenty-five students, those numbered 300 or above are limited to fifteen, and thesis seminars to ten. In exceptional cases by the consent of the instructor, the Graduate Council may extend those limitations to include not more than four additional students.

S70. Quantitative Analysis.—A number of representative quantitative analyses are carried out in the laboratory, and the underlying theory is taken up in the lectures. *Lecture or recitation daily, B; laboratory daily, C and 2:00-5:00, I, II (July 8 to August 4). 4 s.h. (w) (Laboratory fee, \$7.00.)*

MR. D. HILL AND MISS MOORE

S151. Organic Chemistry.—An introduction to the study of carbon compounds. Compounds of the aliphatic series form the basis of lectures, discussions, and laboratory experiments. Prerequisites: courses 61 and 70, except by permission of the instructor. Six lectures and six recitations weekly with four laboratory periods of three-hour equivalent. *Lecture 1, recitation 2; laboratory 2:00-5:00 Monday, Tuesday, Thursday, and Friday. I (June 10 to July 7). 4 s.h. (w) (Laboratory fee, \$8.50.)*

MISS BROWN AND MR. BRIGHT

S152. Organic Chemistry.—A study is made of compounds of the aromatic series, and of carbohydrates and proteins. Prerequisite: course S151. *Lectures, recitations, and laboratory as in S151. I, II (July 8 to August 4). 4 s.h. (w) (Laboratory fee, \$8.50.)*

MR. HAUSER AND MR. PECK

S275X. Thesis Research.—Research in the fields of physical or organic chemistry. Open only to those students whose research programs for the A.M. or Ph.D. degrees have been approved by the department and by one of the instructors in charge of the course. *Schedule to be arranged (first eight weeks). I, II. 2 to 8 s.h. (Not more than one semester-hour of credit per week full-time schedule, or one semester-hour each two weeks for half-time schedule.)*

MR. VOSBURGH AND MR. BIGELOW

(In lieu of regular fees in this course, students enrolling for four semester-hours or less pay simple registration of \$17.50; all others pay special registration fee of \$25.00. Laboratory fees are arranged with the instructor according to materials used or destroyed.)

ECONOMICS AND GEOGRAPHY

S51. Principles of Economics.—A short course in the essential principles of economic science. Students who complete this course satisfactorily may be admitted to Economics 103 and 105 during the college year 1937-38. *A, I. 3 s.h.*

MR. CARNEY

S52. Principles of Economics.—(This course will not count as part of the minimum economics requirements for graduation until the equivalent of S51 has been completed. It will, however, count as elective credit.) *A, III. 3 s.h.*

MR. BERRY

S57-58. Principles of Accounting.—Elementary principles of single proprietorship, partnership, and corporation accounting. *Period C will be used as a laboratory period. A, B, C, I. 6 s.h.*

MR. SHIELDS

S115. Economic Geography: Teachers' Course.—A study of the interrelation of human activities and environmental elements. The discussion embraces location, maps and their interpretation, the major climatic regions, seasonal influences, weather, lands and their uses, soils and minerals, bodies of water, plants, animals, and the works of man, as environmental factors. *B, I, III. 3 s.h.*

MR. LANDON (first term)

MR. KEECH (third term)

See footnote, p. 26, as to limitation of class enrollments in graduate courses.

S116. Economic Geography and Industrial Organization.—A study of the economic resources of the world: the products of the agricultural and manufacturing industries, trade routes and trade centers, the balance of trade and its relations to industrial development, the influence of geographic factors on the commercial policy of nations. *C, III. 3 s.h.* MR. KEECH

S119. Economic Geography of North America.—The purpose of this course is to ascertain how natural environment has influenced the location, activities, characteristics, and thinking upon social, political, and economic problems of the people of the various countries and parts of the North American continent. The material is organized on the basis of natural regions; and physical features as causal factors, as well as a description of what man does, are considered. *C, I. 3 s.h.* MR. LONDON

S171-S172. Advanced Accounting.—Advanced accounting theory and practice applied to the managerial problems of valuation and operation in corporations, consolidations, mergers, and liquidations. Open to students who have completed Accounting 57-58. *Period C will be used as a laboratory period. A, B, C, I. 6 s.h.* MR. BLACK

231. The Economic History of Modern Europe.—A study of the economic development of Europe since the sixteenth century, treating such topics as the guilds, mercantilism, money, banking, crises, the commercial revolution, and the Industrial Revolution. The rise of modern capitalism and the historical backgrounds of present economic problems will be emphasized. *A, I, II. 3 s.h.*

MR. HAMILTON (*first term*)

MR. R. S. SMITH (*second term*)

S232. Economic History of the United States.—A study of the agricultural, industrial, commercial, and financial progress of the United States from colonial times to the present day. Special attention will be devoted to mass production, business cycles, great fortunes, and the relationships between government and business. *C, II. 3 s.h.* MR. R. S. SMITH

S236. Public Finance.—This course deals with public expenditures, public revenues, public debts, and financial administration. *A, III. 3 s.h.*

MR. RATCHFORD

S238. Public Debts in the United States.—A study of the characteristics of public credit as shown by the experience of national, state, and local governments in the United States. Topics considered include forms, methods, and purposes of borrowing; effects of the contraction and repayment of debts on governmental fiscal policies, the banking and credit system, and business activity; methods of controlling or limiting debts; refunding and adjustment procedures; defaults and repudiations. *C, III. 3 s.h.*

MR. RATCHFORD

S239. Prices.—A theoretical study of the forces governing price behavior and an historical examination of the fluctuations, disparities, and trends of European and American prices, particularly in periods marked by acute monetary disorder or by rapid change in the stock of the precious metals. Special attention will be devoted to post-war inflation in France and Germany and to the world-wide collapse of prices after 1929. *C, I. 3 s.h.* MR. HAMILTON

S256. Labor Legislation.—A study of the relations of the state to labor problems with special reference to protective legislation and to governmental interference in labor disputes. *B, I. 3 s.h.* MR. DE VYVER

S257. Social Insurance.—A consideration of the economic and social problems involved in workmen's compensation laws, unemployment insurance, old-age pensions, and health insurance for workers. Particular attention will be given to the present federal and state social security legislation. *C, I. 3 s.h.*

MR. DE VYVER

EDUCATION

For admission to candidacy for the Master of Arts (A.M.) degree with major in Education, or for the Master of Education (M.Ed.) degree, students must, in addition to meeting the general requirements for admission to the Graduate School, meet the following specific requirements: 1. Eighteen semester-hours of acceptable prior work in Education; 2. Twelve semester-hours acceptable prior work in a minor field (Exception: if Psychology or Sociology is offered for the minor, six semester-hours of work completed after entering the junior year in college will be accepted). The required foreign languages for the A.M. degree shall be French and German unless students obtain special permission to substitute Latin, Greek, or Italian for one of the two preferred.

Graduate courses in the Department are grouped under the following subdivisions: Public School Administration, Secondary Education, Elementary School Education, and Educational Psychology. Every candidate for a Master's degree in the Department should elect at least twelve semester-hours in the one of these fields in which he intends to write his thesis and the remainder of his work, including the six semester-hours in his minor, with the approval of the proper division adviser. Dr. Carr is adviser to students in School Administration and in Elementary Education. Dr. Brownell and Dr. Easley advise in Educational Psychology, and Professor Childs in Secondary Education.

PUBLIC SCHOOL ADMINISTRATION AND SUPERVISION
(GRADUATE COURSES)

(Master's candidates in this division should elect their minor work in Economics and Political Science.)

S224. Current Problems in Public Education as Revealed through School Surveys.—A study of recent developments in public education as revealed through school surveys and resulting from the survey movement. *B, I, 3 s.h.*

MR. MARBERRY

S232. Elementary School Supervision.—A survey of supervision as a means of improving instruction and adapting the curriculum to child and community needs. *A, III, 3 s.h.*

MR. MARBERRY

S234. Secondary School Organization and Administration.—A study of the outstanding problems of secondary school organization and administration other than the problem of gradation and classification of pupils. For first-term students, Section 1 recommended for principals of rural high schools, and teachers of four or more years' experience; Section 2 recommended for teachers of less than four years' experience; Section 3 recommended for principals of city high schools and teachers of four or more years' experience. *Section 1, A, I, II; Section 2, B, I; Section 3, C, I, III. 3 s.h.*

MR. P. H. GWYNN (*first term, Sections 1 and 3*)

MR. HINSON (*first term, Section 2*)

MR. CARMICHAEL (*second term*)

MR. BOYER (*third term*)

S273. Problems of High-School Supervision.—A consideration of such problems as aims and purposes of high-school supervision, elements of an effective supervisory program, program of supervision for city and rural high schools, the administration of supervision. For first-term students, Section 1 recommended for teachers of less than four years experience; Section 2 recommended for principals of city high schools and teachers of four or more years' experience; Section 3 recommended for principals of rural high schools and

teachers of four or more years' experience. *Section 1, A, I, III; Section 2, B, I, II; Section 3, C, I. 3 s.h.*

MR. HIGHSMITH (*Sections 1 and 2, first term*)
 MR. HINSON (*Section 3, first term*)
 MR. CARMICHAEL (*second term*)
 MR. J. M. GWYNN (*third term*)

S283. Organization and Administration of the Public School Curriculum.—Foundation principles underlying curriculum construction, reconstruction movements since 1900, present development of co-operative curriculum construction and administration. *C, III. 3 s.h.* MR. MARBERRY

S300. Introduction to Educational Research.—This is primarily a pre-thesis writing course which is designed to be liberalizing as well as technical. The general purpose is to give the student an overview of research, acquaint him with the nature of research processes, and develop within him an appreciation of the essential characteristics of good research work. Throughout the term direct training for thesis writing will be given; the course will not, however, duplicate the work of more intensive courses in special research technique, such as statistical methods. Recommended for students who intend to write theses in Education the last term of Summer School or in 1938. *B, I, III. 3 s.h.* MR. SCATES

S300X. Educational Research.—Thesis credit only. *B, III. 3 s.h.*

MR. SCATES

S323. Public School Finance.—A study of educational costs, sources of revenue for the support of public education, collection of revenue, basis of distribution, and accounting for funds spent. *C, I. 3 s.h.* MR. H. H. HILL

S343. State and County School Administration.—A study of the state and county organization of public schools, emphasizing underlying principles. (Enrollment in this course is limited to students who have already had at least six semester-hours in public school administration. Students who are expecting to write theses the summer of 1937 in the field of public school administration will be given preference in enrollment.) *A, I. 3 s.h.* MR. MARBERRY

S363. City School Organization and Administration.—Problems confronting the administrative officer in local schools, such as relations of superintendent with board and public, organization of schools, development of curricula, selection and promotion of teachers, etc. *A, I, III. 3 s.h.*

MR. H. H. HILL (*first term*)
 MR. BOYER (*third term*)

EDUCATIONAL PSYCHOLOGY (GRADUATE COURSES)

(Master's candidates in this division should elect some course-work in either Elementary or Secondary Education and should choose Psychology as their minor.)

S208. Mental Tests and Applications.—A study of the development of intelligence testing, the concept of general intelligence, various recent applications of mental tests, and training in the giving of individual tests. Prerequisite: course S258 or six semester-hours of other work in educational psychology or psychology. *A, I. 3 s.h.* MR. ODELL

S209. Statistical Methods in Education.—A course intended to familiarize teacher, supervisor, and administrator with the statistical method of treating educational and social data, so as to enable them to interpret and use the results of recent investigation in the science of education. Presented primarily from the point of view of the classroom teacher. *C, I. 3 s.h.* MR. ODELL

S212. Psychology of the Elementary School Subjects.—A study of the psychology of learning as applied to teaching the common-school subjects. *A, I. 3 s.h.* MR. CARR

S216. Psychological Principles of Secondary Education.—A study of adolescence and the psychology of learning as applied to teaching the principal high-school subjects. *Section 1, A, I; Section 2, C, I. 3 s.h.* MR. STOWE

S217. Advanced Educational Psychology.—A systematic survey of the field of Educational Psychology. Required of all majors in Educational Psychology. Section 1 recommended for primary and grammar grade teachers; Section 2 recommended for grammar grade and secondary school teachers. *Section 1, B, I, II; Section 2, C, I, II. 3 s.h.* MR. EASLEY (*first term*)
MR. BAYNE (*second term*)

(Students expecting to enter candidacy for a Master's degree with major in Educational Psychology should enroll in this course their first summer.)

S218. Educational Implications of Genetic Psychology.—A course tracing the development of the individual through the stages of growth and learning, with emphasis upon early and later childhood; the development of such behavior patterns as play, language, etc.; the process of socialization; and similar material of special significance to teachers in the elementary schools. An advanced section of S118, not open for enrollment to students who have credit for that course. Prerequisite: six semester-hours of psychology or educational psychology. *C, I. 3 s.h.* MR. BROWNELL

S219. Experimental Education.—This course is designed to provide training (1) in planning, (2) in prosecuting, and (3) in reporting quantitative investigations in the field of education, more especially in the field of learning and teaching the various school subjects. *A, I. 3 s.h.* MR. C. T. GRAY

S222. The Curriculum and Materials of the Elementary Grades.—A study of curriculum problems in the elementary schools. (Not open to students who had S242 in the summer of 1935 or 1936.) *Section 1, A, I; Section 2, B, I. 3 s.h.* MR. HILLMAN

S237. Investigations in Reading.—Section 2 will emphasize primary reading, and primary teachers are advised to enter that section. *Section 1, B, I; Section 2, C, I. 3 s.h.* MR. DOUGLAS (*Section 1*)
MR. TIREMAN (*Section 2*)

S247. Investigations in Arithmetic.—An analytical survey of investigations in arithmetic, with three purposes in view: (1) to examine the techniques employed with respect to their adequacy as means of solving the problems attacked; (2) to test the validity of the results announced and the values of these results for the teaching of arithmetic; (3) to locate further problems in arithmetic in need of scientific research. *A, I. 3 s.h.* MR. BROWNELL

S257. Investigations in Language.—A survey of the more important monographs dealing with language, including some discussion of spelling. Evaluation of results, and intensive study of selected problems. Individual reports, and intensive study for each student pertaining to a major problem. *A, I. 3 s.h.* MR. TIREMAN

S258. Educational Measurements.—A study of the purposes and uses of standardized and informal tests and scales with special emphasis on their use in the improvement of instruction. *B, III. 3 s.h.* MR. ODELL

S287. Problems of Mentally and Educationally Retarded Children.—The causes, types, and degrees of mental retardation; psychological theories of mental deficiency; the education of slow learners in regular and special classes; the organization, objectives, curriculum, and teacher of the special class; the social and eugenical bearings of mental deficiency. The educational problems receive major consideration. *A, I, III. 3 s.h.* MR. WALLIN

S288. Problems of Mental Hygiene and Education.—The problems, objectives, scope, factors, and techniques of mental hygiene, particularly with reference to its educational and social implications; the prevention of hampering personality difficulties and wholesome personality development; types of adjustment difficulties in different types of children, especially in the normal, and their preventive and remedial treatment; the mental hygiene of teaching and learning. *B, I, III. 3 s.h.* MR. WALLIN

S289. Character and Personality Testing.—A study of the tests, scales, and other instruments available for the measurement of those phases of mental activity and development which intelligence tests do not attempt to measure. Prerequisite: course S258 or six semester-hours of other work in educational psychology. *C, III. 3 s.h.* MR. ODELL

S298. History of Educational Psychology in the United States.—*C, I. 3 s.h.* MR. C. T. GRAY

S300. Introduction to Educational Research.—*B, I, III. 3 s.h.* MR. SCATES

S300X. Educational Research.—Thesis credit only. *B, III. 3 s.h.* MR. SCATES

S309X. Thesis Seminar in Educational Psychology.—Students interested in theses dealing with measurements and related materials should attach themselves to this seminar, as well as those who are dealing with theses more technically included in the field. *C, I; B, II (second three weeks), III (first three weeks). 3 s.h.* MR. SCATES (first term)
MR. BROWNELL (second term)

SECONDARY EDUCATION (GRADUATE COURSES)

(Master's candidates in this division should consider also courses listed under Public School Administration and Educational Psychology, and are advised to elect minor work in their teaching subject, or in Psychology or Sociology.)

S200. Introduction to the Philosophy of Education.—A consideration of fundamental concepts underlying educational theory, approached from the study of present-day American educational philosophies. *A, III. 3 s.h.* MR. STOWE

S205. Curriculum Problems in Secondary Education.—A consideration of the aims and objectives of secondary school subjects, emphasizing practical problems of curriculum-making in the high school. North Carolina teachers are advised to enroll in Section 1; and Virginia, Georgia, and Mississippi teachers in Section 2. Section 2 will more nearly meet the needs of teachers working in the curriculum development of the latter states. Teachers from other states should confer as to which section more nearly meets their needs. *Section 1, A, I; Section 2, B, I, II. 3 s.h.* MR. CHILDS (first term)

S206. Sociological Foundations of Secondary Education.—A consideration of the aims and objectives of the secondary school and of the secondary school subjects. *Section 1, B, I; Section 2, C, I, II.* 3 s.h. MR. HOLLIS (*first term*)

S216. Psychological Principles of Secondary Education.—*Section 1, A, I; Section 2, C, I.* 3 s.h. MR. STOWE

S226. Teaching the Social Studies.—A course for teachers of social studies in junior and senior high schools. Discussions and collateral readings upon such topics as aims, tests for values, the social-studies curriculum, classroom procedure, course and lesson planning, etc. *Section 1, A, I; Section 2, B, I.* 3 s.h. MR. SCHUTTE

S234. Secondary School Organization and Administration.—For the first term, Section 1 recommended for principals of rural high schools and teachers of four or more years experience; Section 2 recommended for teachers of less than four years' experience; Section 3 recommended for principals of city high schools and teachers of four or more years' experience. *Section 1, A, I, II; Section 2, B, I; Section 3, C, I, III.* 3 s.h.

MR. P. H. GWYNN (*first term, Sections 1 and 3*)

MR. HINSON (*first term, Section 2*)

MR. CARMICHAEL (*second term*)

MR. BOYER (*third term*)

S246. The Teaching of High-School Mathematics.—Identical with Mathematics S204. *B, II.* 3 s.h. MR. W. W. RANKIN

S273. Problems of High-School Supervision.—Section 1 recommended for teachers of less than four years' experience; Section 2 recommended for principals of city high schools and teachers of four or more years' experience; Section 3 recommended for principals of rural high schools and teachers of four or more years' experience. *Section 1, A, I, III; Section 2, B, I, II; Section 3, C, I.* 3 s.h.

MR. HIGHSMITH (*Sections 1 and 2, first term*)

MR. HINSON (*Section 3, first term*)

MR. CARMICHAEL (*second term*)

MR. J. M. GWYNN (*third term*)

S276. Teaching of Botany.—Identical with Botany S216. 2:00-5:00 P.M., I. 3 s.h. MISS ADDOMS
[This course not accepted as part of a major in Education.]

S326. Investigations in the Teaching of Social Studies.—A study of the purposes and objectives of teaching social studies in the secondary school, the selection and organization of material, and teaching and testing technics which may be advantageously used. Experiments in studying and teaching recent American history. *C, III.* 3 s.h. MR. STOWE

S334X. Seminar in Secondary Education.—Thesis credit only. *C, III.* 3 s.h. MR. J. M. GWYNN

ELEMENTARY EDUCATION (GRADUATE COURSES)

(Master's candidates in this division should consider also courses listed under Educational Psychology and are advised to elect their minor work in Psychology or Sociology.)

S208. Mental Tests and Application.—*A, I.* 3 s.h.

MR. ODELL

- S212. Psychology of the Elementary School Subjects.**—*A, I. 3 s.h.*
MR. CARR
- S218. Educational Implications of Genetic Psychology.**—*C, I. 3 s.h.*
MR. BROWNELL
- S219. Experimental Education.**—*A, I. 3 s.h.*
MR. C. T. GRAY
- S222. The Curriculum and Materials of the Elementary Grades.**—(Not open to students who had S242 in the summer of 1935 or 1936.) *Section 1, A, I; Section 2, B, I. 3 s.h.*
MR. HILLMAN
- S232. Elementary School Supervision.**—*A, III. 3 s.h.*
MR. MARBERRY
- S237. Investigations in Reading.**—Section 2 will emphasize primary reading, and primary teachers are advised to enter that section. *Section 1, B, I; Section 2, C, I. 3 s.h.*
MR. DOUGLAS (*Section 1*)
MR. TIREMAN (*Section 2*)
- S247. Investigations in Arithmetic.**—*A, I. 3 s.h.*
MR. BROWNELL
- S257. Investigations in Language.**—*A, I. 3 s.h.*
MR. TIREMAN
- S283. Organization and Administration of the Public School Curriculum.**—*C, III. 3 s.h.*
MR. MARBERRY
- S287. Problems of Mentally and Educationally Retarded Children.**—*A, I, III. 3 s.h.*
MR. WALLIN
- S288. Problems of Mental Hygiene and Education.**—*B, I, III. 3 s.h.*
MR. WALLIN
- S322. Seminar in Elementary Education.**—The problems for the summer of 1937 will center around the curriculum of the elementary school. Thesis credit only. *B, I. 3 s.h.*
MR. CARR
- S338. Research in Reading.**—A course designed for students who have original problems in reading which they desire to investigate. Such studies may be either individual or co-operative. Education S237 is advised as a preliminary course, but is not required. *Schedule to be arranged, I. 3 s.h.*
MR. DOUGLAS

UNDERGRADUATE COURSES

(By permission Seniors may enter graduate courses numbered below 300. Attention is called to the fact that toward the A.B. degree not more than six semester-hours of methods courses are allowed to count.)

- S4. Introductory Course in History of Education.**—*A, I. 3 s.h.*
MR. ESKRIDGE
- S54. Introductory Course in History of Education.**—A study of the types of educational systems and institutions evolved in Western Europe and the United States as an introduction to current educational problems. *B, II. 3 s.h.*
MISS DUNN
- S58. The Learning Process.**—A course in elementary educational psychology. *A, I. 3 s.h.*
MR. WATSON
- S68. Mental Hygiene of the School Child.**—A course primarily for teachers in the elementary school. A study of personality factors as related to the adjustment and success of the school child; the foundations of motivation; typical problems of maladjustment; social heredity and its educational implications; variations in intelligence. *Section 1, A, I; Section 2, C, I, III. 3 s.h.*
MR. PULLIAS

S83. Current Trends in American Public-School Organization.—A study of current controversies and criticism bearing on the organization and administration of the public schools, recent developments in the organization of schools, and the theories underlying these developments. *C, II.* 3 s.h.

MISS DUNN

S101. Introduction to Teaching.—A survey of the work of the teacher, intended to assist the pupil in choosing intelligently some field of teaching work for future specialization. Topics: qualification and training of teachers, nature and aims of education, nature and purpose of public school curricula, nature of subject matter and its relation to pupil activity, modern procedure in teaching. Old number, S61. *B, I.* 3 s.h.

MR. ESKRIDGE

S103. School Organization and Administration for the Classroom Teacher.—A study of the problems of school organization, control, and administration as they arise in the work of the classroom teacher. *C, I.* 3 s.h.

MR. HARTON

S106. Principles of Secondary Education.—A study of the nature and scope of secondary education, emphasizing an introduction to the professional literature in the field. *A, I.* 3 s.h.

MRS. HAWKES

S111. Primary Methods in Language and Reading.—A study of materials and methods in the mother-tongue. *1, I, II.* 2 s.h.

MISS MICHAELS

S117. Analysis of Study and Study Habits in the Elementary School Subjects.—A special section of course S119 planned to meet the needs of teachers and supervisors in the elementary schools. *C, I.* 3 s.h.

MR. CURTIS

S118. Educational Implications of Genetic Psychology.—A course tracing the development of the individual through the stages of growth and learning, with emphasis upon early and later childhood; the development of such behavior patterns as play, language, etc.; the process of the socialization; and similar material of special significance to teachers in the elementary schools. *B, I.* 3 s.h.

MR. WATSON

S119. Analysis of Study and Study Habits in the High-School Subjects.—A brief survey of the available literature of study, followed by casework in the habits of high-school and undergraduate college students, and a survey of the peculiar learning problems presented by typical secondary school subjects. *A, I.* 3 s.h.

MR. CURTIS

S122. The Teaching of Arithmetic in the Primary Grades.—A special section of S127 for primary teachers. *1, I, III.* 2 s.h.

MISS DEANS (first term)

MR. McEWEN (third term)

S127. The Teaching of Arithmetic in the Grammar Grades.—A course designed to acquaint the teacher with the best methods of teaching arithmetic which have evolved from more than a decade of research and experimentation; emphasis upon the actual teaching process under normal classroom conditions, with special attention to problem solving; brief survey of the work of the primary grades is also given. *2, I, III.* 2 s.h.

MISS DEANS (first term)

MR. McEWEN (third term)

S136. The Teaching of High-School English.—Identical with English S142. *C, I.* 3 s.h.

MR. A. C. JORDAN

S142. Children's Literature: Primary Section.—A critical study of literature for primary grades; types of literature; story telling, principles underlying and practice; study of State Course of Study and adopted texts; bibliographies and use of the library. *2, I, II.* 2 s.h.

MISS MICHAELS

S147. Children's Literature: Grammar Grade Section.—A critical study of literature for grammar grades; similar to S142 above. *3, I, II. 2 s.h.*

MISS MICHAELS

S161. Social Studies in the Grammar Grade.—Identical with S162 below, except that illustrative materials are chosen with the child of grades four to seven in mind. *B, II. 3 s.h.*

MRS. PORTER

S162. Social Studies in the Primary Grades.—A study of programs, principles, and procedures in the social studies in the primary grades, with more detailed methods of planning, selecting materials, and teaching specific units. *A, I. 3 s.h.*

MRS. PORTER

S167. Materials and Methods in the Teaching of Science in the Elementary Schools.—Identical with S176, except that illustrative materials are chosen with the child of grades four to seven in mind. *A, I. 3 s.h.*

MR. SLAY

S176. The Teaching of High-School Science.—Discussion, based upon lectures and collateral reading, of such topics as aims, tests for values, the curriculum, classroom procedure, course and lesson planning in secondary school science. Prerequisite: at least eighteen semester-hours of science in college. *C, I. 3 s.h.*

MR. SLAY

S182. The Teaching of Geography.—Emphasis upon developing methods of reasoning with geographical materials. Diagnosis of specific difficulties in teaching geography and suggestions for remedial teaching. Recommended for teachers of two or more years' experience or persons who have had college courses in geography. (See Economics S115, S116, S119.) *B, I, II, III. 3 s.h.*

MR. GODARD (*first and second terms*)

MR. MCEWEN (*third term*)

S192. Materials and Methods in the Primary Grades.—A study of curriculum problems in grades one to three; the theories underlying the organization of the integrated curriculum; the principles underlying large-unit teaching; the environment as a source of materials for developing the curriculum; centers of interest around which units of work may develop; criteria for selection; selection and organization of materials; the organization of the curriculum around large units; checking the results against objectives and subject-matter requirements; technique of teaching large units, including the place of drill, the program of work, provision for individual differences, and the relationship of the various subjects to the units of work. An actual unit of work will be developed in detail for each grade level. *C, I, II, III. 3 s.h.*

MISS MARKS (*first and second terms*)

S195. Curriculum and Course of Study in Secondary Schools.—Brief historical survey of additions to the curriculum since the period of the Latin Grammar School. *B, I. 3 s.h.*

MRS. HAWKES

S197. Materials and Methods in the Grammar Grades.—Identical with S192 above, except that illustrative materials are chosen with the child of grades four to seven in mind. *B, I, II, III. 3 s.h.*

MISS MARKS (*first and second terms*)

PUBLIC SCHOOL ART AND MUSIC

A. Public School Drawing.—This course is offered to develop certain skills fundamental in the teaching of public school drawing as well as skills that will prove of help in teaching other subjects of the elementary school curriculum. Topics: color theory, design, perspective, representation, figure drawing, illustration, picture study, etc. Emphasis varies with the needs of the class. Media: water color, crayons, clay, etc. *A, and 10:40-12:55, I*

(*second three weeks*), *II* (*first three weeks*), *III* (*last three weeks*). 3 points professional credit only.

MRS. ALSTON (*first term*)

MRS. MASON (*third term*)

B. Industrial Art in the Public School.—Manipulation and work with clay, textiles, wood, paper, food, printing, etc., intended to give the child an acquaintance with the raw products of nature, and the changes made in them so that they may be more usable for food, clothing, shelter, utensils, tools, etc. Each student taking the course must complete a project based upon the work of the grade in which she expects to teach. *A*, 10:40-12:55, *II* (*second three weeks*), *III* (*first three weeks*). 3 points professional credit only.

MRS. ALSTON

C. Public School Music.—A course in the fundamentals necessary for grade teaching. Such topics as sight singing, ear training, music appreciation, rote songs, child voice, etc., will be discussed. This is an elementary course intended primarily for grade teachers. *A*, *methods and theory*; 2, *rote singing and rhythm*; *C*, *sight singing and ear training*; 1 (*first three weeks*). 3 points professional credit only.

MRS. TWADDELL

PHYSICAL AND HEALTH EDUCATION

S112. Personal and School Hygiene.—General, personal, and school hygiene with some instruction in anatomy and physiology; cause, transmission, and prevention of communicable diseases; the more common defects of school children; schoolhouse sanitation; medical inspection; etc. *A*, *C*, 1 (*first three weeks*). 3 s.h.

MISS GARDINER

S132. Materials and Methods in Health Education.—An effort to acquaint the student with a general technique of health teaching that conforms to standard educational procedure and practice in other subjects; elements of good method, criticism of method, types of lessons, sources of material, and selection and organization of subject matter; language work, games, projects, posters, and plays used as illustrative material. *B*, 1. 3 s.h.

MISS WYCHE

ENGINEERING

C.E. S10. Plane Surveying.—Use of instruments; transit, stadia, compass, and plane-table surveying; simple triangulation; determination of meridian by observation on Polaris; differential and profile leveling; setting grade stakes; calculation of bearings, latitudes, and departures; areas by planimeter; methods of plotting; survey and plot of sections of the campus by stadia, and transit and tape. *Three weeks, nine hours a day, beginning June 4*. 3 s.h.

MR. HALL, MR. BIRD, AND ASSISTANTS

C.E. S110. Plane Surveying.—A special section of C.E. S10 intended for students in Forestry and others of advanced standing. *Three weeks, nine hours a day, beginning June 4*. 3 s.h.

MR. BIRD

ENGLISH

Those who wish to become candidates for the Master's degree in English are expected to have at least twelve semester-hours in courses above Sophomore requirements. The Department reserves the right to require additional course work on the graduate level if the work of the student his first term indicates inadequate preparation. For admission to candidacy with a major in American literature the student must present courses S137-S138 or an acceptable equivalent in American literature either as part of the twelve stipulated above or in addition to them.

Master's candidates in English are required to complete at least three semester-hours in Chaucer or certain other designated courses. Either English S203 or English S211 listed below meets this specific requirement. Master's candidates who have completed as many as twelve semester-hours of graduate work should also take the bibliography course, S301, at their earliest opportunity.

S1. English Composition.—A course in the fundamentals of English composition, oral, and written, with special attention to sentence structure, syntax, common errors, etc. Frequent themes. *A, III. 3 s.h.* MR. HARWELL

S2. English Composition.—A continuation of course S1. *C, III. 3 s.h.* MR. HARWELL

S53. English Composition.—By means of instruction, frequent conferences, and extensive writing of assignments, this course undertakes to make the student familiar with the qualities of the best prose style. (Open only to those who have credit for S1.) *B, I. 3 s.h.* MR. A. C. JORDAN

S59. Contemporary British and American Drama.—*A, I. 3 s.h.* MRS. WHITE

S60. Contemporary British and American Fiction.—*B, I. 3 s.h.* MRS. WHITE

S63. A Survey of English Poetry.—Readings in the English poets from Chaucer to Burns. Attention will be paid to poetic types and technique. *A, II. 3 s.h.* MR. PATTON

S64. A Survey of English Poetry.—Readings in the English poets of the Romantic and Victorian periods, with some consideration of the modern poets. *C, II. 3 s.h.* MR. PATTON

S120. History of the Theater.—This course makes a study of the development of the theater, methods of production, and representative plays of the various periods from the time of Italian Renaissance to the present day. *B, and 2:30-4:00 II. 3 s.h.* MR. WEST

S121. Play Production.—This course deals with the theory and practice of producing plays. The work includes make-up, lighting, scene-design and painting, costume, directing, and stage-management. There is practice-work both in the laboratory and in the theater. *Lectures 2:30-3:30 every other day beginning June 10, and laboratory 2:30-4:30 every other day beginning June 11. I. 3 s.h.* MR. WEST

S123. Shakespeare.—Introduction and detailed study of the tragedies. *B, I. 3 s.h.* MR. F. K. MITCHELL

S124. Shakespeare.—The histories and comedies. Open for enrollment to students who have had or are taking S123. *C, I. 3 s.h.* MR. F. K. MITCHELL

S137. American Literature prior to 1850.—This course consists of wide reading in American prose and poetry produced prior to 1850. *B, I, III. 3 s.h.* MR. ANDERSON (first term)
MR. ALLEN (third term)

S138. American Literature, 1850-1900.—Continuation of course S137. *C, I, III. 3 s.h.* MR. ANDERSON (first term)
MR. ALLEN (third term)

S139. The Speaking Voice.—This course gives training in placement, pitch, range, and diction for use in professional work and in daily conversation. *C, I.* 3 s.h. MR. WEST

S142. The Teaching of High-School English.—Materials and methods in high-school English. *C, I.* 3 s.h. MR. A. C. JORDAN

S149. English Literature, 1660-1700.—The poetry of Dryden, Oldham, Marvell, Butler, Roscommon; the critical prose of Dryden and Rymer; Pepys and Evelyn; Temple and Walsh. *A, III.* 3 s.h. MR. WARD

S203. Chaucer.—A survey of his life and principal poems, the development of his art, the sources and social background of his poetry. *A, III.* 3 s.h. MR. BAUGH

S211. History of the English Language.—*A, I.* 3 s.h. MR. BAUGH

S215. Elizabethan Drama.—A study of the contemporaries of Shakespeare. This course does not duplicate course S216 offered in 1933. *B, I.* 3 s.h. MR. SPENCER

S216. The English Drama in the Reign of James I.—Study of the later contemporaries and immediate successors of Shakespeare, such as Johnson, Beaumont and Fletcher, Dekker, Heywood, Middleton, Chapman, and Marston. *B, III.* 3 s.h. MR. SPENCER

S217. Spenser: The Faerie Queene.—A study of the poem in detail and a survey of its interpretation from Warton's *Observations* to the present time. *B, II.* 3 s.h. MR. HUGHES

S218. Milton: Paradise Lost and Paradise Regained.—*C, II.* 3 s.h. MR. HUGHES

S221. English Drama, 1660-1780.—A study of the principal plays between Dryden and Sheridan. Lectures and reports. *B, III.* 3 s.h. MR. WARD

S223. The English Romantic Period.—A study of the major writers from 1798 to 1832. *A, I.* 3 s.h. MR. GRIGGS

S227. Literary Criticism.—A history of literary criticism prior to 1700. 3:00 P.M., *I.* 3 s.h. MR. GILBERT

S231. Emerson.—Representative works and their intellectual background will be studied in detail. (Not open for enrollment to students who had course S237 in the summer of 1932 or 1933.) *A, I.* 3 s.h. MR. GOHDES

S232. Special Studies in American Authors: Whitman.—Besides the reading of Whitman's works, topics such as the following will be considered: Whitman's artistic theory and practice; Whitman's philosophy and ideas; Whitman's relations to previous American literature and his influence on subsequent writers; Whitman biography, criticism, and bibliography. *C, I.* 3 s.h. (Identical with S312 offered in 1934. Not open for enrollment to undergraduates.) MR. BRADLEY

S233. Studies in American Poetry since 1870.—Emphasis upon Walt Whitman, Emily Dickinson, William Vaughn Moody, Edwin Arlington Robinson, Robert Frost, Carl Sandburg, Vachel Lindsay, Lizette Woodworth Reese, Sara Teasdale, Edna Millay, and Robinson Jeffers. The significance of Boker, Lanier, Eugene Field, James Whitcomb Riley, George Sterling, George Santayana, Edgar Lee Masters, Elinor Wylie, Stephen Vincent Benét, and Conrad Aiken. The development of poetic technique, with a discussion of such modern developments as free verse, imagism, and impressionism. *A, I.* 3 s.h. (Identical with English S260 as offered in 1934.) MR. BRADLEY

S235. The Poetry of Dryden and Pope.—A survey, pre-seminar course, primarily intended for candidates for the Master's degree. *B, I. 3 s.h.*

MR. GRIFFITH

S236. Queen Anne Prose.—(This course does not duplicate in any way course S236 offered in the summer of 1932.) *B, III. 3 s.h.*

MR. GRIFFITH

S237. Shakespeare's Earlier Plays.—(This course does not duplicate in any way course S237 as offered in the summers of 1932 and 1933.) *C, I. 3 s.h.*

MR. SPENCER

S238. Shakespeare's Later Plays.—(This course does not duplicate course S238 as offered in the summers of 1933 and 1936.) *C, III. 3 s.h.*

MR. SPENCER

S301. Bibliography and Methods of Research.—This course or its equivalent is required for all candidates for higher degrees. *B, I. 3 s.h.*

MR. JENKINS

S307. Southern Literature and Culture prior to 1865.—*B, III. 3 s.h.*

MR. HUBBELL

S307X. Seminar in American Literature prior to 1865.—*Schedule to be arranged. III. 3 s.h.*

MR. HUBBELL

S308. Southern Literature and Culture since 1865.—*B, I. 3 s.h.*

MR. HUBBELL

S308X. Seminar in American Literature since 1865.—*Schedule to be arranged. I. 3 s.h.*

MR. HUBBELL

S311. English Literature from the Norman Conquest to Chaucer, Part I.—A survey of Anglo-Norman Literature, the Twelfth Century renaissance, French and Latin background of English vernacular writing, and the important English works of the first period, such as the *Ancren Riwle*, *The Owl and the Nightingale*, Layamon's *Brut*, the *Bestiary*, etc. *B, I. 3 s.h.*

MR. BAUGH

S312. English Literature from the Norman Conquest to Chaucer, Part II.—The beginnings of the lyric, the Middle English romance, the great works of religious instruction (*Cursor Mundi*, etc.) and the allegory (*Piers Plowman*, *The Pearl*). (This course does not duplicate course S312 offered the summer of 1934.) *B, III. 3 s.h.*

MR. BAUGH

S314. Seminar in Early Nineteenth-Century Literature.—Social and political ideas of the English romantics. A study of the origin and development of social relationships, as interpreted by the major writers, including Wordsworth, Coleridge, Byron, Shelley, Hazlitt, and Hunt. Prerequisite: S223, or some similar course in early nineteenth-century literature. *A, III. 3 s.h.*

MR. GRIGGS

S314X. Thesis Seminar: Byron and Shelley.—Open only to those who have theses in process or have completed the course requirements for a Master's degree in English literature. Open for enrollment by consent of the instructor only. *A, I. 3 s.h.*

MR. WHITE

S317. Studies in Byron.—(Not open for enrollment to students who had S324 in the summer of 1932.) *A, I. 3 s.h.*

MR. GRIFFITH

S321. Seminar in Anglo-American Literary Relations in the Nineteenth Century.—(Students who enter this course should have a fair background in both English and American literature of the century.) *B, I. 3 s.h.*

MR. GOHDES

S323. Studies in Coleridge.—Coleridge's contribution to romantic thought. An attempt will be made to study the major influences upon Coleridge's thought. Each student will be expected to give at least one oral report and to prepare a written paper. *B, I. 3 s.h.* MR. GRIGGS

S324. Studies in Shelley.—(Not open for enrollment to students who had S240 in 1936. This course does not duplicate S324 offered in the summer of 1932.) *C, III. 3 s.h.* MR. GRIFFITH

S325. The Regency and Early Victorian Period.—A study of the major writers, in the light of the intellectual milieu. The effect of the clash between religion and science, the social problems arising out of the Industrial Revolution, and the philosophical ideas will be studied. Special attention will be given to Cobbett, Carlyle, Mill, Newman, Huxley, and Tennyson. *C, III. 3 s.h.* MR. GRIGGS

S329. Seminar in Sixteenth- and Seventeenth-Century English Literature.—Open by permission of the instructor to students who have had at least one course in the drama or other literature of the period. The Restoration will not be dealt with. Students writing theses or subjects from these centuries should attach themselves to this course. *Schedule to be arranged, I, III (first three weeks). 3 s.h.* MR. GILBERT

S329X. Thesis Seminar in Sixteenth- and Seventeenth-Century English Literature.—*Residence credit only. Schedule to be arranged, III (first three weeks). 3 s.h.* MR. GILBERT

FORESTRY

Candidates for the Bachelor of Science degree with a major in Forestry are required to take Civil Engineering S110 (Plane Surveying) in Summer School at the close of their Junior year. This course is listed under Engineering, page 37, this bulletin. Candidates in Forestry are also expected to take the following courses after completing the required work in Engineering:

S150. Forest Surveying.—The application of plane surveying to forest problems. Practice in making boundary and topographic surveys of forested tracts, using both intensive and extensive methods. Work includes use of the transit, level, traverse board, topographic abney and slope tape, and aneroid barometer. Prerequisites: Civil Engineering 110, Plane Surveying, or equivalent. (Not offered unless as many as five students enroll.) *Three weeks, eight hours a day, beginning June 26. 3 s.h.* MR. MAUGHAN

S151. Forest Mensuration.—Field studies in the methods of measuring the contents and growth of trees and forest stands. Practice in timber estimating, log scaling, use of mensurational instruments, and the collection of basic data. *Four weeks, eight hours a day, beginning July 17. 4 s.h.* MR. SCHUMACHER

FRENCH

S1. Elementary French.—Grammar; translation from French into English and English into French; pronunciation, sight translation, and conversation. *A, C, I (first three weeks). 3 s.h.* MISS RAYMOND

S2. Elementary French.—Continuation of course S1. *A, C, I (second three weeks). 3 s.h.* MR. DOW

S3. French Prose.—Reading and translation, alternate exercises in grammar review, verb drill, and writing in French at dictation. Prerequisite: French S1-2 or two years of high-school French. *A, III. 3 s.h.* MR. DAVIS

S4. French Prose.—Continuation of course S3. Prerequisite: French S3. *C, III. 3 s.h.* MR. DAVIS

S51. Introduction to French Literature.—Prerequisite: French S3-4 or equivalent. *A, I. 3 s.h.* MR. BRIDGERS

S52. Introduction to French Literature.—Prerequisite: French 51. *C, I. 3 s.h.* MR. BRIDGERS

S55, S56. Exercises in Spoken French.—Comprehension, including dictation and reading aloud by instructor, followed by questions and answers; conversation; oral composition, including prepared talks and dialogues on assigned subjects. Class work supplemented by French table. *C, I. 3 s.h.* MRS. DOW

S213. French Prose and Poetry of the Seventeenth Century.—*A, I. 3 s.h.* MR. WALTON

S214. French Drama of the Seventeenth Century.—*C, I. 3 s.h.* MR. WALTON

S217. French Phonetics.—French sounds and French spelling; pronunciation drills; exercises in phonetic dictation and transcription; diction; aural comprehension. *B, I. 3 s.h.* MR. WEBB

S231. Rousseau and the Beginnings of Romanticism.—*A, I. 3 s.h.* MR. COWPER

S317. History of the French Language.—*B, I. 3 s.h.* MR. COWPER

S343. Studies in French Novelists of the Twentieth Century.—This course includes extensive reading in the works of Romain Rolland, Gide, Duhamel, Proust, Martin du Gard, and Romans. *B, III. 3 s.h.* MR. B. R. JORDAN

S353. Seminar in Realism and Naturalism.—Devoted mainly to a study of the critical reaction to Realism and Naturalism. Open to students who wish to begin a thesis project in this field, or who wish to do special work in the period. Thesis or course credit. *C, III. 3 s.h.* MR. B. R. JORDAN

GERMAN

S1. Elementary German.—Pronunciation, grammar, and translation; dictation, easy prose, and poetry. *A, C, I (first three weeks). 3 s.h.* MR. MAXWELL

S2. Elementary German.—Pronunciation, grammar, and translation; intensive reading in prose and poetry. *A, C, I (second three weeks). 3 s.h.* MR. MAXWELL

S3. Intermediate German.—Grammar and composition; dictation, spoken German; reading of narrative and dramatic prose. *A, I. 3 s.h.* MR. F. E. WILSON

S4. Intermediate German.—Grammar and composition; dictation, spoken German; reading of narrative and dramatic prose. *C, I. 3 s.h.* MR. F. E. WILSON

S109. German Prose Fiction.—Origin and development of the German novel; reading and discussion of typical selections from representative authors of the various literary movements of the first half of the nineteenth century. Lectures and reports. *A, III. 3 s.h.* MR. KRUMMEL

S110. German Prose Fiction.—Reading and discussion of typical selections from representative authors of the various movements of the second half of the nineteenth century. Lectures and reports. *C, III. 3 s.h.* MR. KRUMMEL

GOVERNMENT

See courses listed under Political Science.

HISTORY

For admission to candidacy for a Master's degree in History the student must present a total of eighteen semester-hours of prior work in History, of which at least six must be in American History if he plans to take his major work in that field. Before enrolling for thesis supervision, candidates for the Master's degree are required to complete at least three semester-hours of seminar work. (See courses numbered 300 or above.)

S91. Political and Social History of the United States to 1830.—A general survey of the development of the United States in which effort is made to place the proper emphasis on underlying economic or other causes of political and social progress. *A, I; B, III. 3 s.h.*

MR. MABRY (*first term*)

MR. PEARSON (*third term*)

S92. Political and Social History of the United States, 1830-1900.—*C, I, III. 3 s.h.*

MR. MABRY (*first term*)

MR. PEARSON (*third term*)

S101. Development of Western European Civilization to About 800 A.D.—A study of the development in Western Europe of the familiar institutions and culture of modern society, as developed from ancient times down to the period of Charlemagne. *B, I. 3 s.h.*

MR. MANCHESTER

S102. Development of Western European Civilization from 800 to 1563 A.D.—A continuation of course S101 through the Renaissance, Reformation, and Catholic Counter-Reformation. Students may enter this course concurrently with S101. *C, I. 3 s.h.*

MR. MANCHESTER

S113. American Colonial History, 1606-1783.—The growth of institutions and economic life in the English colonies and the American Revolution. *B, II. 3 s.h.*

MR. WOODY

S114. History of the United States since Reconstruction.—Reconstruction and its aftermath, cultural, political, and economic development since 1876, agrarian and labor problems, the rise of large industry, the Spanish War and imperialism, the World War, and post-bellum problems. (Not open to students who have credit for course S193 as offered in 1935.) *C, II. 3 s.h.*

MR. WOODY

S208A. Studies in the Social History of the United States prior to 1860.—*B, III. 3 s.h.*

MR. SHRYOCK

S209. American Constitutional History, 1783-1820.—This course is designed to trace the evolution of the institutions described in the Constitution during the period of their establishment. Attention is also paid to constitutional interpretation in the early years of the Supreme Court culminating with the decisions of Chief Justice Marshall. A considerable amount of time will be spent analyzing the development of certain extra-constitutional features of the new government, especially the growth of parties. *A, I. 3 s.h.*

MR. C. H. SMITH

S213. Recent History of the United States.—This course emphasizes the period since the Spanish-American War. Undergraduates should enroll in S114, above, not in S213. *Section 1, A, I; Section 2, B, I. 3 s.h.*

MR. CALLCOTT

S218. Europe since 1914.—A study of the more important and significant developments that have taken place in the political, economic, and social life of Europe since 1914. *B, III. 3 s.h.* MR. McLEAN

S221. The Age of the Renaissance.—The decline of characteristic features of medieval civilization and the rise of modern European institutions with particular attention to intellectual movements from Dante to Erasmus. *A, I. 3 s.h.* MR. EELLS

S223. Medieval Institutions and Culture.—A consideration of the classical heritage, the Germanic infusion, development of ecclesiastical, feudal, monarchical, and communal institutions, etc., 300-800 A.D. *A, II. 3 s.h.* MRS. QUINN

S225. The Age of the Reformation.—A survey of European civilization from 1500 through the Peace of Westphalia. *B, I. 3 s.h.* MR. EELLS

S231. The Hispanic Colonies of the New World.—The development of the Iberian states as colonizing powers, the work of the conquerors, the Spanish colonial policy and system, their influences and results, native races, the international contest for supremacy, and the decay of Spanish power in America and the Philippines. *C, I. 3 s.h.* MR. LANNING

S232. The Hispanic-American Republics.—A survey of the political, economic, and social development of the Hispanic-American nations since the beginning of the movement for independence in 1810. *B, I. 3 s.h.* MR. LANNING

S237. Social and Intellectual Development of the Old South.—Consideration will be given to conditions in the South in respect to slavery, agriculture, manufacturing, transportation, education, religion, science, and literature. *A, II. 3 s.h.* MR. SYDNOR

S303. The Union, Confederacy, and Reconstruction.—The subjects considered are the rise of secession, the constitutional and economic problems of the Union and Confederacy, and the political and economic adjustments during reconstruction. *C, II. 3 s.h.* MR. SYDNOR

S305. Seminar in the History of England and the British Empire.—The work consists of practical training in the methods of historical research based on sources for modern British history. (Students enrolling in this course must also enroll in S325.) *B, I. 3 s.h.* MR. LAPRADE

S306X. Thesis Seminar in Southern History.—Open only to those who have theses in process or have completed the required courses in American History for the Master's degree. *Residence credit only. Schedule to be arranged, I.* MR. BOYD

S308A. Seminar: Social History of the United States.—(Open to students taking S208 or equivalent.) *A, III. 3 s.h.* MR. SHRYOCK

S315. Seminar in Southern History.—Selected topics in the development of the South. Students may enroll for course credit either for half schedule or full schedule according to the nature of the problem chosen for investigation and the amount and quality of research done. *C, I. 3 s.h.* MR. BOYD

S318. Seminar in European History since 1914.—Selected topics in the history of Europe since 1914. Each student will be expected to undertake some problem in this field for independent research and periodic reports. *C, III. 3 s.h.* MR. McLEAN

S324. Seminar: Medieval Institutions and Culture (1100-1400).—Special attention will be given to educational institutions. Enrollment limited to those who have done previous work in medieval history. *B, II. 3 s.h.*

MR. QUINN

S325. British Nationality and Public Opinion.—A study of the various political and social groups that have contended for power in England since the sixteenth century and the methods they used. (Students enrolling in this course must also enroll in S305.) *C, I. 3 s.h.*

MR. LAPRADE

S330. Seminar in American History: Newspapers as a Factor in American Politics, 1822-1836.—*B, I. 3 s.h.*

MR. C. H. SMITH

MATHEMATICS

For admission to candidacy for the Master's degree in Mathematics students must have completed differential and integral calculus and at least six semester-hours of courses numbered above 200. After admission to candidacy the student is required to meet the same requirements for the Master's degree as in other departments. (See pages 15-18, this bulletin.) All of the graduate courses listed for the summer of 1937 have differential calculus as a prerequisite, and all require integral calculus except S204, S225, S235, S250, and S255.

S100. Integral Calculus.—Prerequisite: Mathematics 50 and 55. *A, C, I (first 4 weeks). 4 s.h.*

[Not offered unless as many as eight students enroll before May 25.]

S204. The Teaching of Mathematics.—A study of the fundamental processes in mathematics, the literature on mathematics, methods of study, content of courses, special features, applications, correlation of different branches of mathematics. *B, II. 3 s.h.*

MR. W. W. RANKIN

S207. Fundamental Concepts of Algebra and Geometry.—This course deals with the concepts: number, variable, function, limit, group, symbolism, definition, postulate, axiom, proposition, space, and proof. *C, II. 3 s.h.*

MR. W. W. RANKIN

S225. Theory of Equations and Determinants.—*B, I. 3 s.h.*

MR. ELLIOTT

S235. Modern Higher Algebra.—A study of linear dependence and the solution of a set of linear equations. Study of matrices, linear transformations, invariants of linear transformations, and bilinear forms. *B, III. 3 s.h.*

MR. MILES

S239. Advanced Calculus.—This course is a study of the processes of the calculus, their meanings and applications. It is designed to furnish a necessary preparation for advanced work in analysis and applied mathematics. *A, I. 3 s.h.*

MR. ELLIOTT

S240. Advanced Calculus.—This course is a study of the processes of the calculus, their meanings and applications. It is designed to furnish a necessary preparation for advanced work in analysis and applied mathematics. *A, III. 3 s.h.* Prerequisite: S239.

MR. MILES

S250. Modern Geometry.—Modern geometry of the triangle, transversals, harmonic sections, harmonic properties of the circle, inversions, poles, polars, etc. Valuable to teachers of high-school geometry. *C, I. 3 s.h.*

MR. DRESSER

S255. Projective Geometry.—The elements of projective geometry treated synthetically. Introduction to homogeneous co-ordinates with application to projective geometry. Study of different types of collineations. *C, III. 3 s.h.*

MR. ROBERTS

S325. Functions of a Real Variable.—A study of continuous functions, sequences of functions, measure of point sets, and elementary theories of integration. Prerequisite: course S240. (Not offered if S371 is given. Students desiring either of these courses should indicate their preference by writing Professor W. W. Elliott before May 1.) *B, III.* 3 s.h. MR. ROBERTS

S333. Analytic Theory of Numbers.—Distribution of primes. Primes in arithmetic progression. The Waring and Goldbach problems. Prerequisite: courses S325-S326. (Not offered if S347 is given. Students desiring either of these courses should indicate their preference by writing Professor W. W. Elliott before May 1.) *A, I.* 3 s.h. MR. CARLITZ

S347. Elliptic Functions.—The Weierstrass elliptic functions. The Jacobi functions. The theta functions, and their application to the theory of numbers. Prerequisite: courses S239-S240. (Not offered if S333 is given. Students desiring either of these courses should indicate their preference by writing Professor W. W. Elliott before May 1.) *A, I.* 3 s.h. MR. CARLITZ

S371. Topology.—Axiomatic treatment of the fundamental ideas. Prerequisite: S239. (Not offered if S325 is given. Students desiring either of these courses should indicate their preference by writing Professor W. W. Elliott before May 1.) *B, III.* 3 s.h. MR. ROBERTS

S390X. Thesis Seminar.—Supervision of individual theses. *Thesis credit only. Schedule to be arranged, I.* 3 s.h. MR. CARLITZ

PHYSICS

S1-2. General Physics.—This course traces historically and experimentally the development of great principles. It stresses neither mathematical processes nor exact measurements. Three-hour recitation and two-hour laboratory.

The lecture part of this course may be taken without the laboratory for 6 semester-hours credit. This, however, does not satisfy the general requirement in the natural sciences. *Lectures, 1 and 3; recitation, 2; laboratory 2:30 to 4:30, daily, 1 (June 9 to July 27).* 8 s.h. (w) (Laboratory fee, \$4.00.)

MR. CARPENTER, MR. BARNES, AND MR. HOPKINS

S223. Radioactivity and Nuclear Structure.—Discovery of radioactivity, properties of Alpha, Beta, and Gamma rays, successive transformations, artificial transmutations, and nuclear structure. *Lectures, A, laboratory hours to be arranged, I (first three weeks).* 3 s.h. (Laboratory fee, \$2.50.)

MR. NIELSEN

S224. Radioactivity and Nuclear Structure.—Continuation of S223. *Lectures, A, laboratory hours to be arranged, I (second three weeks).* 3 s.h. (Laboratory fee, \$2.50.)

MR. NIELSEN

POLITICAL SCIENCE

S21. Principles of Citizenship.—An introductory study of the principles and problems of government in general, with emphasis upon problems of current importance. *A, I.* 3 s.h. MR. SIMPSON

S22. Principles of Citizenship.—Continuation of S21. *B, I.* 3 s.h.

MR. SIMPSON

S61. American Government and Politics.—A study of the American political system, including the organization and functioning of national, state, and local government in the United States. *A, I, III.* 3 s.h.

MR. GIBSON (first term)

MR. HAGAN (third term)

S62. American Government and Politics.—Continuation of S61. *C, I, III.* 3 s.h.

MR. GIBSON (*first term*)
MR. HAGAN (*third term*)

S207. American Constitutional Law and Theory.—A study of leading principles of American Government, as developed through judicial interpretation of the Constitution. *B, I.* 3 s.h.

MR. R. R. WILSON

S209. State and Local Government in the United States.—The subject matter of this course covers the historical development of state and local governments, their present political organization, and their relation to each other and to the federal government. *A, III.* 3 s.h.

MR. R. S. RANKIN

S228. International Law and International Organization.—Elements of public international law and a study of certain international organizations from the point of view of their significance for international law. *C, I.* 3 s.h.

MR. R. R. WILSON

S291. Municipal Government.—A study of general problems relating to the structural system and activities of municipalities in the United States. Special reference is made to the problems of municipal government in North Carolina. *B, III.* 3 s.h.

MR. R. S. RANKIN

PSYCHOLOGY

S101. Introduction to Psychology: General Principles of Mental Activity and Growth.—Lectures, demonstrations, prescribed readings, and reports. *B, I.* 3 s.h.

MR. HARTON

S201. Social Psychology.—Lectures, readings, and reports. *A, I.* 3 s.h. (E)

MR. ADAMS

S207. Experimental Psychology.—Experimental and theoretical contributions to the psychology of the cognitive processes: perceiving, thinking, remembering. Lectures, discussions, reports. *A, III.* 3 s.h.

MR. ZENER

S210. Physiological Psychology.—A study of the physiological aspects of selected psychological problems: growth, maturation and learning, localization of function, perceiving, thinking, emotion and urge. Lectures, discussion, reports. *C, III.* 3 s.h.

MR. ZENER

S215. Child Psychology.—A study of experiments bearing upon the structure of the psychological person and of its psychological environment, and the character of the changes they undergo in the course of maturation, together with certain implications of these changes for the mental hygiene and pedagogy of childhood. Discussions of theory of compensation, psychological induction, learning, and various other phenomena. Lectures, with motion picture demonstrations of environmental changes in child behavior and development. *C, I.* 3 s.h. (E)

MR. ADAMS

RELIGION

S51. The History of the Hebrew People.—Survey of the contents of the historical and prophetic books of the Old Testament with particular reference to literary, historical, and religious values. *C, I.* 3 s.h.

MR. ORMOND

S165. Religious Drama.—A historical survey of the relation between religion and drama, a study of the uses and underlying principles of religious drama, and a critical examination and interpretation of selected dramatic productions. *A, II.* 3 s.h.

MR. SPENCE

S168. Religious Drama: Construction and Production.—Project work in the creation and production of religious drama and pageants. Practice in the selection, staging, lighting, and direction of religious plays. Construction of dramatic programs of worship. *B, II. 3 s.h.* MR. SPENCE

S283. Expansion of Christianity.—The spread of Christianity as interpreted in the light of political, social, economic, and other factors. *A, III. 3 s.h.* MR. CANNON

S286. The Religions of India.—A study of present-day religious movements in India, with special reference to Hinduism. *C, III. 3 s.h.* MR. CANNON

S362. Ethical Theory of Christian Education.—The theory of religious education considered in the light of Christian ethics. *A, I. 3 s.h.* MR. H. S. SMITH

S363. Religious Thought in the Rise of American Culture.—A survey of the main developments in American religious thought in relation to the growth of civilization and culture, prior to 1830. *C, I. 3 s.h.* MR. H. S. SMITH

SOCIOLOGY

Attention is called to the fact that Course S101 is a prerequisite to other courses in the Department.

S101. General Sociology.—An introduction to the scientific study of social life; its origin, evolution, and organization, as illustrated by the study of a number of concrete social problems. This course is prerequisite to all other courses in Sociology. *B, I. 3 s.h.* MR. ELLWOOD (*Section 1*)
MR. PRICE (*Section 2*)

[Section 1 meets on the West Campus and is primarily for advanced students desiring to begin the study of Sociology. Section 2 meets on the East Campus.]

S112. Introduction to Child Welfare.—A special course in child welfare for undergraduates. *A, I. 3 s.h.* MR. PRICE

S205. Social Pathology.—A study of the causes, extent, significance, and constructive treatment of the principal forms of pathology in modern society: poverty, physical defectiveness, malnutrition, mental deficiency, mental disease, undirected leisure activities, and unstandardized commercial recreation, alcoholism, prostitution, vagrancy, and delinquency. *B, I. 3 s.h.* MR. JENSEN

S212. Child Welfare.—A study of heredity and environment as factors in personality development; infant conservation; welfare responsibilities of the school, emphasizing the physical and mental well-being of the child, play, and compulsory and industrial education; child labor, diagnosis and treatment of delinquency; care of the dependent and neglected child; child-caring agencies, public and private; and a community program of child welfare. *A, I. 3 s.h.* MR. JENSEN

S219. Urban Sociology.—This course studies the function of the city in the larger community which it nucleates both as market and as industrial center. More detailed attention, however, is given to the inner life and problems of the city. *B, III. 3 s.h.* MR. THOMPSON

S319. Principles of Sociology.—A critical study of sociological theory. The sociological theories of recent writers will be critically examined with a view to laying the foundation for a constructive theory of the social life in modern biology and psychology. Discussions and papers by the class. *C, I. 3 s.h.* MR. ELLWOOD

S340. Seminar: The Sociology of the South.—Special problems in race relations, urban and rural life, etc. *C, III. 3 s.h.* MR. THOMPSON

SPANISH

S3. Intermediate Spanish.—Systematic grammar review; drill on verb forms; study of high frequency idioms; reading of novels and short stories of medium difficulty. *A, I. 3 s.h.* MR. QUINN

S4. Intermediate Spanish.—Rapid reading and a study of standard novels, plays, and verse, with minimum of translation. One full standard novel will be read in foreign edition. *C, I. 3 s.h.* MR. QUINN

S65. Introduction to Modern Spanish Literature.—Study of representative masterpieces of nineteenth century novel and drama, with collateral reading and written reports on literary topics. *B, I. 3 s.h.* MR. AVILÉS

S66. Introduction to Spanish Literature of the Golden Age.—Study of representative works in the field of Golden Age novel and drama: rapid survey of literary types and trends; collateral readings and critical reports. This course will include an introductory study of the *Don Quijote*. *C, I. 3 s.h.* MR. AVILÉS

S266. Golden Age Literature: The Don Juan Theme.—A study of the most important Don Juan plays of the Golden Age and the use of this *motif* by later writers in Spain and abroad. Consideration of the legend and its treatment in literature. Assigned topics for individual reports; collateral reading. *A, III. 3 s.h.* MR. LUNDEBERG

S370X. Thesis Seminar in Spanish Literature.—Supervision of individual theses. Since this course cannot be offered annually, candidates who expect to present theses in this field within the next two years should arrange to take this work in the 1937 session. Those who contemplate enrolling for this work are advised to communicate with the instructor, stating proposed subject if not yet approved. *Schedule to be arranged, III. 3 or 6 s.h. (Residence credit only.)* MR. LUNDEBERG

ZOOLOGY

For admission to candidacy for a Master's degree in Zoology, students must have completed a minimum of eighteen semester-hours of biological science, including six semester-hours of Zoology in courses numbered above one hundred. Other students may be permitted to take courses offered, but cannot count them toward an advanced degree until eighteen hours have been attained.

S203-S204. Animal Ecology.—Lectures, reports, discussions, laboratory and field work with particular reference to the relations of animals to environment. The use of scientific instruments for ecological work will be taught. About a week will be spent in the Carolina mountains and about a week at the seashore. (Enrollment limited to fifteen students, and only with consent of instructor.) *All day, daily, II. 6 s.h. (Laboratory fee, \$6.00. Expenses of trips paid by individual student.)* MR. PEARSE

S219 or S353. Special Problems.—Students who have sufficient preparation may be permitted to carry on investigations under direction, for a thesis or otherwise, in the following fields:

(a) Embryology and Endocrinology, III (last three weeks).

(c) Histology and Cytology. I.

(e) Ecology, Parasitology, and Behavior. I, II, III.

(f) Comparative Anatomy, and Entomology. I, II, III.

MR. CUNNINGHAM

MR. HARGITT

MR. PEARSE

MR. I. E. GRAY

Schedule to be arranged, I, II, III. Credit to be arranged. Not more than one semester-hour of credit per week full-time schedule, or one semester-hour each two weeks for half-time schedule. (*Laboratory fee, \$3.00 for each three hours of credit; minimum fee, \$2.00.*)

Those who wish to register for S219 or S353e or during the first term can do so by making arrangements before May 25. It is planned to offer work in other fields of research in future summer sessions.

Specimen Application Blank

DIRECTOR, DUKE UNIVERSITY SUMMER SCHOOL
DUKE STATION
DURHAM, NORTH CAROLINA

Dear Sir:

Please make temporary reservation for me in the following courses described in your summer school announcement:

.....
.....

(Signed, full name)
Mr., Mrs., Miss.....

Street

Post Office Address.....

Date

Be careful to give the following information:

Are you a teacher in the public schools?.....

Name of high school from which you were graduated.....

.....
Number of years completed in college.....

Are you a graduate?.....

Name and address of the school in which you are teaching.....

.....
.....

Do you wish room reserved?..... Alone?.....

In graduate dormitory?..... Undergraduate?.....

What term (first, second, or third)?.....

N.B. The graduate dormitories are not open to undergraduates under thirty years of age. All room reservations of graduate students are tentative until the student has been accepted by the Graduate School. Students who wish a room reserved for the first term will remit full amount of room-rent; other students simply indicate whether they desire room in graduate or undergraduate dormitory. The Summer School reserves the right to cancel room reservation or registration for courses without assignment of reason.

Note: Students who do not wish to submit transcripts of their previous college record, because desiring to transfer their summer school credits to some other institution, should answer the following:

Do you wish blank for statement from your college certifying your present class standing and requesting transfer of your summer school record?

.....

Announcement

JUNALUSKA SUMMER SCHOOL, INC.

(AFFILIATED WITH DUKE UNIVERSITY)

and

JUNALUSKA SCHOOL OF RELIGION

LAKE JUNALUSKA, N. C.

PAUL NEFF GARBER, A.B., A.M., Ph.D.,

DIRECTOR

FACULTY

AGNEW, DONALD CHARLES; A.B., Park College; A.M., Ph.D., Duke;
EDUCATION (Lander College).

ANDERSON, LEWIS EDWARD; B.S., Mississippi State College; A.M.,
Duke; Ph.D., University of Pennsylvania; BOTANY (Duke University).

BLOMQUIST, HUGO LEANDER; B.S., University of Chicago; Pasteur
Institute, 1919; Ph.D., University of Chicago; BOTANY (Duke University).

BOWMAN, WARREN DANIEL; A.B., Bridgewater College; A.M., Ph.D.,
University of Chicago; EDUCATION (Juniata College).

CLARK, ELMER TALMADGE; A.B., Birmingham-Southern College; A.M.,
George Peabody College; B.D., S.T.D., Temple; LL.D., Southern College;
RELIGION (Assistant Secretary, Board of Missions, Methodist Episcopal
Church, South).

CLARK, KENNETH WILLIS; A.B., Yale; B.D., Rochester; Ph.D., Uni-
versity of Chicago; RELIGION (Duke University).

CRUM, MASON; A.B., Wofford College; A.M., Ph.D., University of South
Carolina; RELIGION (Duke University).

DUNSTAN, ROBERT TAYLOE; A.B., Duke; A.M., Ph.D., University of
Wisconsin; SPANISH (Greensboro College).

FITZGERALD, WILLIAM STONE; A.B., Vanderbilt; A.M., Harvard;
Duke, 1934-37; ENGLISH (Duke University).

GARBER, PAUL NEFF; A.B., Bridgewater College; A.M., Ph.D., Univer-
sity of Pennsylvania; RELIGION (Duke University).

McEWEN, NOBLE RALPH; A.B., Birmingham-Southern College; A.M.,
Duke; Duke, 1930-32; EDUCATION (Salem College).

MYERS, HIRAM EARL; A.B., Duke; S.T.B., S.T.M., Boston University;
RELIGION (Duke University).

SEARCY, HUBERT; A.B., Birmingham-Southern College; A.M., Duke;
Duke, 1933-35; 1936-37; POLITICAL SCIENCE (Birmingham-Southern Col-
lege).

THOMPSON, EDGAR TRISTRAM; A.B., University of South Carolina;
A.M., University of Missouri; Ph.D., University of Chicago; SOCIOLOGY
(Duke University).

WARREN, CLARENCE SHAW; A.B., Duke; EDUCATION (Superintendent of Lenoir City Schools).

WIGGINS, ROBERT LEMUEL; A.B., Emory; A.M., Vanderbilt; Ph.D., University of Virginia; ENGLISH (Wesleyan College).

BUSINESS MANAGER

JAMES R. BOYD,
Waynesville, North Carolina.

CALENDAR, REGISTRATION, AND ADMISSION

The Junaluska Summer School, Inc., and the Junaluska School of Religion will open June 10 and close July 20. Recitations will be held five days in the week, all Mondays except June 21 and July 12 being holidays. Monday, July 5, will be observed as Independence Day.

Wednesday, June 9, is reserved for the registration of students from Haywood County; Thursday, June 10, is registration day for all other students. Regular classes will meet at 8:15 Friday morning, and recitation work will begin at once.

Certificates of high-school graduation and other credentials should be submitted to the director at the time of registration.

JUNALUSKA SCHOOL OF RELIGION

The tenth session of the Junaluska School of Religion, which is conducted under the joint management of Duke University and the Board of Christian Education with the co-operation of the Board of Missions and other boards of the Methodist Episcopal Church, South, will be conducted as the Department of Religion in the Junaluska Summer School for the summer of 1937, its opening and closing dates being the same as for the other departments. In addition to the undergraduate credits offered by the other departments, Junaluska School of Religion will offer credits counting toward the B.D. degree. The work in Religion is designed for pastors, church workers, missionaries, and students who desire to fit themselves the better for their work or to obtain credits looking toward the securing of university degrees.

COURSES OFFERED

Professional and undergraduate courses are offered for teachers in elementary schools, teachers of primary grades and of grammar grades, and teachers of high-school subjects, for Freshmen and Sophomore students in colleges and for students desiring somewhat more advanced work in the field of religion.

For qualified college students, instruction will be offered in botany, education, English, political science, sociology, Spanish, and religion. Credit is allowed toward the A.B. degree at Duke University for these courses, credit toward the A.M. degree for the course in field botany, and credit toward the B.D. degree for the advanced courses in religion.

COURSES IN FIELD BOTANY

Special courses in field botany will be offered to public school teachers of nature study, high-school teachers of botany and biology, and to qualified college students. The courses are unique in that they will consist of a careful survey of the plant life found in the mountains of western North Carolina. Frequent excursions and field trips will be made to Mount Mitchell, Mount Pisgah, the famous Pink Beds, and other sections abundant in unusual flora. A considerable amount of time will be spent in the new Great Smoky Mountain National Park area.

FEES AND EXPENSES

Tuition charge for college students other than teachers is \$10.00. Teachers are exempt from tuition, as are also ministerial students who register in the Junaluska School of Religion. Expenses may therefore be estimated by teachers and School of Religion students as follows:

	Low	High
Registration	\$20.00	\$20.00
Room and Board	50.00	60.00
Library and Recreation Fee	2.00	2.00
	<hr/>	<hr/>
	\$72.00	\$82.00

To this should be added about \$5.00 for books and probably \$5.00 for miscellaneous expenses, besides the tuition charge for students other than teachers. Since Haywood County contributes toward the registration fees of its teachers, Haywood County teachers pay only \$8.00 of the total registration fee.

HOTELS, BOARDING HOUSES, AND FURNISHED COTTAGES

Information relative to board and room may be obtained by addressing Mr. J. R. Boyd, Business Manager, Waynesville, North Carolina, or Mr. James Atkins, Jr., Lake Junaluska, North Carolina.

COURSES OF INSTRUCTION

(*Note.* In the description of courses the following abbreviations occur: *Period A* means that the course comes the first eighty minutes daily, beginning at 8:15; *Period B* means that the course comes at the eighty-minute period beginning at 9:45; *Period D* means that the course meets an eighty-minute period daily, beginning at 11:45. All courses carry three semester-hours credit unless otherwise specified.)

For complete bulletin giving description of courses, address Dr. Paul N. Garber, Director of Junaluska Summer School, Duke Station, Durham, North Carolina.

BOTANY

S52. Introductory Field Botany.—B. MR. ANDERSON

S101. Principles of Heredity.—A. MR. ANDERSON

S225. Field Botany.—The aim of this course is to present to the students a firsthand knowledge of plants in their native habitats. The field work will be done in the mountain areas of western North Carolina and will include the Pisgah Forest and Smoky Mountain sections. The course will consist of practice in the identification of plants in the field and a study of their natural history and associations. Field trips daily, also lectures, readings, reports, etc. **4 or 6 s.h.** *Schedule to be arranged. Graduate or undergraduate credit.*

MR. BLOMQUIST

S226. Special Problems.—Open only to students with training equivalent to S225. The work may involve either field and laboratory study of special taxonomic groups or the investigation of ecological relationships in some of the varied local plant communities. **2 to 6 s.h.** *Schedule to be arranged. Graduate or undergraduate credit.*

MR. BLOMQUIST

EDUCATION

S52. Materials and Methods in Nature Study.—B. MR. ANDERSON

S58. The Learning Process.—A. MR. BOWMAN

S68. Mental Hygiene of the School Child.—B. MR. AGNEW

S103. School Organization and Administration for the Classroom Teacher.
—D. MR. WARREN

S117. Analysis of Study and Study Habits in the Elementary School Subjects.—D. MR. AGNEW

S118. Educational Implications of Genetic Psychology.—B. MR. BOWMAN

S121. Grammar Grade Methods in Reading and Language.—A.
MR. WARREN

S122. The Teaching of Primary Numbers.—8:45, 2 s.h. MR. McEWEN

S142. Children's Literature.—9:45, 2 s.h. MR. McEWEN

S182. The Teaching of Geography.—11:45, 2 s.h. MR. McEWEN

ENGLISH

- S60. Contemporary Poetry.—*A*. MR. FITZGERALD
 S63. English Poetry, 1832-1900.—*B*. MR. WIGGINS
 S123. Shakespeare: The Comedies and Romantic Plays.—*D*. MR. FITZGERALD
 S137. American Poetry.—*A*. MR. WIGGINS

POLITICAL SCIENCE

- S22. Principles of Citizenship.—*B*. MR. SEARCY
 S102. State and Local Government in the United States.—*D*. MR. SEARCY

SOCIOLOGY

- S101. General Sociology.—*D*. MR. THOMPSON
 S109. Sociology of the South.—*A*. MR. THOMPSON

SPANISH

- S65. Introduction to Spanish Literature.—*B*. MR. DUNSTAN
 S66. Introduction to Spanish Literature.—*D*. MR. DUNSTAN

RELIGION

S206. The Message of the Hebrew Prophets.—The beginnings of written prophecy among the Hebrews; the characteristic message of each of the great prophets of the eighth and seventh centuries interpreted in the light of the cultural factors which called forth the message; the immediate effect and modern value. *Period D*. MR. K. W. CLARK

S207. The Ethical Ideals of Judaism.—The successive legal codes developed by the ancient Hebrews, with attention to the sociological condition out of which they emerged, the religious concepts they expressed, and the progressive ethical standards they reflect. *Period B*. MR. K. W. CLARK

S219. Life of Paul.—Paul's life on the basis of the Acts and the Epistles. Consideration is given to Paul as a man, the factors entering into his character, and his permanent contribution to the world. *Period B*. MR. MYERS

S237. Methodism.—The beginning and growth of the Methodist societies in England, early Methodism in America, and the development of the several branches of the Church in America. *Period A*. MR. GARBER

S241. Homiletics.—An introduction to the theory and practice of preaching. Opportunity for practice preaching will be afforded. *Period A*. MR. MYERS

FOR UNDERGRADUATES ONLY

S54. Great Epochs in Church History.—The most important events in the history of the Christian Church from the Apostolic Age through the Reformation are considered in their bearing on civilization. *Period A*. MR. E. T. CLARK

S129. Character Problems.—Problems of youth in character building. *Period D*. MR. CRUM

S170. Religion and the Modern Home.—A study of the American home in its contemporary social and religious aspects. *Period B*. MR. CRUM

INDEX

- Accounting, Courses in, 27, 28
Admission, 13
Administrative Courses, 29
Administrative Officers, 3
Affiliated Summer Schools, 22, 51
American Literature, Courses in, 38, 39, 40
Application Blank, 50
Appointments Bureau, 21
- Biology, Courses in, 25, 49
Board and Rooms, 18
Botany, Courses in, 25
- Calendar, 13
Campus and Buildings, 12
Carillon, 21
Certification of Teachers, 14, 25
 Special Note for North Carolina, 23
Chemistry, Courses in, 26
Coaching School, 22
Courses of Instruction, 25
Credits, 14
Curriculum Reconstruction, Courses in, 24
- Dormitories, 18
Dramatics, Courses in, 38
Drawing, Course in, 36
Duke University, History of, 12
- Economics, Courses in, 27
Education, Courses in, 29
Educational Psychology, Courses in, 30
Elementary Education, Courses in, 33, 34
Engineering, Courses in, 37
English, Courses in, 37
Enrollment, 12
Entertainment, 21
Examinations, 15
Expenses, 19
Explanations and Abbreviations, 25
- Faculty, 3
Fees, 19
Forestry, 41
French, Courses in, 41
- German, Courses in, 42
Geography, Courses in, 27
Government, Courses in, 43
Graduate Instruction, 15, 23
 advanced degree, 15, 23
 candidacy for degree, 15
 minimum residence requirements, 16
 transfer of credits from elsewhere, 17
 degree of Doctor of Philosophy, 17
 thesis writing in Summer School, 17
Grammar Grade Teachers' Courses, 33, 34
Growth of Summer School, 12
- Health Education, Courses in, 37
High School Teachers' Courses, 32
History, Courses in, 43
Hygiene, Course in, 37
- Industrial Art, 37
- Junaluska School of Religion, 51
Junaluska Summer School, Inc., 22, 51
- Libraries, 12
- Master of Arts degree, 16, 23
Master of Education degree, 16
Mathematics, Courses in, 45
Music, Course in, 37
- N. C. Teachers, Special Notice to, 23
Numbering of Courses, 14
- Physics, Courses in, 46
Political Science, Courses in, 46
Primary Teachers' Courses, 33, 34
Psychology, Courses in, 47
Public School Administration, Courses in, 29
- Recreation, 21
Registration, 13
Regulations as to graduate degrees, 15
Religious Service, 21
Religion, Courses in, 47
Reservation of Rooms and Courses, 20
Residence Requirements for degrees, 16
Rooms and Board, 18
- Schedule of Courses, See Explanations and Abbreviations, 25
School for Workers in Children's Homes and Orphanages, 22
Secondary Education Courses, 32
Sociology, Courses in, 48
Spanish, Courses in, 49
Statistics as to enrollment, 12
Surveying, 37, 41
- Thesis for Master's degree, 17
Thesis Courses, 25
Thesis Writing, 17
Tri-State Conference of Orphanage Workers, 22
- Zoology, 49

VOLUME 9

March, 1937

NUMBER 3-B

BULLETIN OF DUKE UNIVERSITY

Undergraduate Instruction

(Trinity College and the Woman's College)



1936-1937

ANNOUNCEMENTS FOR 1937-1938

PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

ANNUAL CATALOGUES AND BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

For BULLETIN OF THE DEPARTMENTS OF ENGINEERING, apply to *The Secretary*, Duke University, Durham, N. C.

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For BULLETIN OF THE SCHOOL OF RELIGION, apply to *The Registrar of the School of Religion*, Duke University, Durham, N. C.

For BULLETIN OF THE SUMMER SCHOOLS, apply to *The Director of the Summer Schools*, Duke University, Durham, N. C.

For BULLETIN ON FORESTRY, apply to *The Director, Duke Forest*, Duke University, Durham, N. C.

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BULLETIN
OF
DUKE UNIVERSITY



UNDERGRADUATE INSTRUCTION
(Trinity College and the Woman's College)

1936-1937

ANNOUNCEMENTS FOR 1937-1938

DURHAM, NORTH CAROLINA
1937

TABLE OF CONTENTS

	PAGE
UNIVERSITY CALENDAR.....	5
 OFFICERS OF ADMINISTRATION	
General Administration.....	9
Business Administration.....	9
Public Relations and Alumni Affairs.....	10
Educational Administration.....	10
Instructional Staff.....	11
Instructional Assistants.....	25
University Libraries.....	34
University Chapel.....	37
Physical Education and Student Health.....	37
Social and Musical Activities.....	37
 GENERAL STATEMENT: TRINITY COLLEGE AND THE WOMAN'S COLLEGE.....	 39
 ADMISSION TO COLLEGE.....	 41
 REQUIREMENTS FOR DEGREES	
Bachelor of Arts	
General and Special Regulations.....	44
Groups of Studies.....	46
Bachelor of Science	
General and Special Regulations.....	56
Groups of Studies.....	57
Bachelor of Science in Engineering	
General Statement and Admission.....	60
Groups of Studies.....	61
 COURSES OF INSTRUCTION	
Botany	65
Chemistry	68
Economics and Business Administration.....	71
Education	76
Civil and Mechanical Engineering.....	83
Electrical Engineering.....	86
English	88
Fine Arts.....	92
Forestry	94
Geology	96
German Language and Literature.....	97
Greek	99
Health and Physical Education.....	101
History	104

COURSES OF INSTRUCTION (<i>Continued</i>)	PAGE
Latin and Roman Studies.....	108
Law Courses for Academic Students.....	110
Mathematics	110
Music	114
Philosophy	114
Physics	117
Political Science.....	119
Psychology	121
Religion	123
Romance Languages.....	127
Sociology	130
Zoology	132
GENERAL REGULATIONS.....	134
FEES, EXPENSES, ROOMS, BOARD.....	145
SCHOLARSHIPS, LOANS, AND EMPLOYMENT AID.....	150
HONORS AND PRIZES.....	154
STUDENT ORGANIZATIONS AND ACTIVITIES.....	156

CALENDAR

1937

- June 9. Wednesday—Registration of students for Summer School, first term.
- June 10. Thursday—Instruction begins for Summer School, first term.
- July 1. Thursday—Registration of students for Summer School, middle term.
- July 2. Friday—Instruction begins for Summer School, middle term.
- July 5. Monday—Independence Day: a holiday.
- July 19-20. Monday, Tuesday—Final examinations for Summer School, first term.
- July 21. Wednesday—Registration of students for Summer School, last term.
- July 21. Wednesday, 2:30 P.M.—Instruction begins for Summer School, last term.
- Aug. 10-11. Tuesday, Wednesday—Final examinations for Summer School, middle term.
- Aug. 30-31. Monday, Tuesday—Final examinations for Summer School, last term.
- Sept. 16. Thursday, 9:00 A.M.—Dormitories open to Freshmen.
- Sept. 16. Thursday, 8:00 P.M.—Assembly for all entering Freshmen; Freshman Orientation Program begins.
- Sept. 18. Saturday, 4:00 P.M.—First regular meeting of the Council on Freshman Instruction.
- Sept. 21. Tuesday—Freshman instruction begins.
- Sept. 21. Tuesday—Registration and matriculation of new students with advanced standing.
- Sept. 22. Wednesday, 11:00 A.M.—Formal opening of the College; registration of matriculated students.
- Sept. 23. Thursday—Instruction for Sophomores, Juniors, and Seniors begins.
- Sept. 23-25. Thursday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-4:00 P.M.; Friday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-5:00 P.M.; Saturday, 9:00 A.M.-1:00 P.M.—Registration of graduate students.
- Nov. 11. Thursday—Armistice Day.
- Nov. 25. Thursday—Thanksgiving Day: a holiday.
- Dec. 11. Saturday—Duke University Day.
- Dec. 20. Monday, 1:00 P.M.—Christmas recess begins.
- Jan. 3. Monday, 8:00 A.M.—Instruction is resumed.
- Jan. 20. Thursday—Mid-year examinations begin.

1938

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|-------|-----|---|
| Jan. | 31. | Monday—Last day for matriculation for second semester. |
| Feb. | 1. | Tuesday—Second semester begins. |
| Feb. | 22. | Tuesday—Washington's Birthday: a holiday. |
| March | 30. | Wednesday, 1:00 P.M.—Spring vacation begins. |
| April | 6. | Wednesday, 8:00 A.M.—Instruction is resumed. |
| April | 15. | Friday—Last day for submitting orations for Wiley Gray Contest. |
| April | 30. | Saturday—Last day for selection of courses for ensuing year. |
| May | 13. | Thursday—Earliest date for beginning of Honors examinations. |
| May | 23. | Monday—Final examinations begin. |
| June | 4. | Saturday—Commencement opens; Senior Class Day; meeting of the Board of Trustees. |
| June | 5. | Sunday—President's Address to Graduating Class; Commencement Sermon. |
| June | 6. | Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class. |

1937

JANUARY	APRIL	JULY	OCTOBER
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JANUARY	APRIL	JULY	OCTOBER
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FEBRUARY	MAY	AUGUST	NOVEMBER
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MARCH	JUNE	SEPTEMBER	DECEMBER
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OFFICERS OF ADMINISTRATION

GENERAL ADMINISTRATION

FEW, WILLIAM PRESTON, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D. <i>President</i>	West Campus
FLOWERS, ROBERT LEE, A.M., LL.D. <i>Vice-President in the Business Division, Secretary and Treasurer</i>	West Campus
WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D. <i>Vice-President in the Educational Division and Dean of the University</i>	West Campus
BROWN, FRANK CLYDE, A.B., A.M., Ph.D. <i>Comptroller</i>	410 Buchanan Road

BUSINESS ADMINISTRATION

FLOWERS, ROBERT LEE, A.M., LL.D. <i>Secretary and Treasurer</i>	West Campus
MARKHAM, CHARLES BLACKWELL, A.B., A.M. <i>Assistant Treasurer</i>	204 Dillard Street
JORDAN, CHARLES EDWARD, A.B. <i>Assistant Secretary</i>	Powe Apartments, Watts Street
DOOLEY, NELL, R.N. <i>Dietitian, the Union</i>	East Campus
HENRICKSEN, GERHARD CHESTER, A.B., A.M., C.P.A. <i>Auditor</i>	Faculty Apartments, East Campus
*HUNT, SAMUEL ROBERT <i>Superintendent of Buildings and Grounds</i>	817 Fourth Street
MARTIN, LILLY SLADE, MRS. <i>Supervisor of Dormitories</i>	819 Fourth Street
ROBERSON, HELEN, MRS. <i>Dietitian, the Union</i>	East Campus
SAWYER, OTIS, A.B. <i>Purchasing Agent, Duke University</i>	2010 Club Boulevard
SPRAGUE, GERTRUDE, MRS. <i>Dietitian, Southgate Hall</i>	Southgate Hall
THOMPSON, JAMES EDWARD <i>Manager, the Duke University Dining Halls</i>	504 East Forest Hills Boulevard
TYREE, WILLIAM ALLEN, A.B. <i>Director in the Business Division</i>	610 Buchanan Road
WHITFORD, WILLIAM EDWARD, A.B. <i>Director in the Business Division</i>	West Campus
WHITTED, WALTER LEWIS <i>Bookkeeper</i>	1204 College Road

* Deceased Jan. 4, 1937.

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- DWIRE, HENRY RUDOLPH, A.B., A.M.
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- BALDWIN, ALICE MARY, A.B., A.M., Ph.D.
Dean of the Woman's College East Campus
- GREENE, WALTER KIRKLAND, A.B., A.M., Ph.D.
Dean of Undergraduate Instruction West Campus
- HERRING, HERBERT JAMES, A.B., A.M.
Dean of Men, Trinity College Erwin Apartments, Buchanan Road
- MANCHESTER, ALAN KREBS, A.B., A.M., Ph.D.
Dean of Freshmen, Trinity College West Campus
- SMITH, RUTH SLACK, MRS., A.B., A.M.
Assistant Dean of Undergraduate Instruction of the Woman's College Faculty Apartments, East Campus
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Secretary of the Committee on Admissions of the Woman's College
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Recorder, Trinity College 918 Urban Avenue
- SEABOLT, LOUISE, A.B., A.M.
Recorder, Woman's College 114 Faculty Apartments, East Campus

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KENDALL, HELEN MILDRED, A.B. <i>Registrar, School of Law</i>	1600 B Street
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STOCKSDALE, HELEN I. <i>Recorder, School of Medicine</i>	Woman's Club
BAKER, BESSIE, R.N., B.S. <i>Dean of the School of Nursing</i>	Nurses' Home
KORSTIAN, CLARENCE FERDINAND, B.S.F., M.F., M.A., Ph.D. <i>Director of the Duke Forest</i>	908 West Markham Avenue
MAUGHAN, WILLIAM, B.S., M.F. <i>Assistant Director of the Duke Forest</i>	2307 Club Boulevard

INSTRUCTIONAL STAFF

This alphabetical list includes all members of the various faculties of the University. The date denotes the first year of service.

ADAMS, DONALD KEITH, (1931) A.B., M.A., Ph.D. <i>Assistant Professor of Psychology</i>	Cornwallis Road
ADDOMS, RUTH MARGERY, (1930) B.A., M.A., Ph.D. <i>Assistant Professor of Botany</i>	214 Faculty Apartments, East Campus
ALDRIDGE, FRED SOULE, (1922) A.B., A.M. <i>Assistant Professor of Mathematics</i>	East Campus
ALTVATER, F. VERNON, (1930) A.B., A.M. <i>Associate in Hospital Administration</i>	1736 Forest Hills Boulevard, W.
ALYEA, EDWIN PASCAL, (1930) S.B., M.D. <i>Associate Professor of Surgery in Charge of Urology</i>	Hope Valley
*ANDERSON, ANDREW RUNNI, (1929) A.B., Ph.D. <i>Professor of Latin</i>	2404 Club Boulevard
ANDERSON, CHARLES ROBERTS, (1930) A.B., A.M. <i>Assistant Professor of English</i>	516 Carolina Circle
ANDERSON, LOUISE EDWARD, (1936) A.B., A.M., Ph.D. <i>Instructor in Botany</i>	708 Buchanan Boulevard

* Deceased July 8, 1936.

- ANDERSON, WILLIAM BANKS, (1930) A.B., M.D.
Associate Professor of Surgery in Charge of Ophthalmology
 10 Beverly Apartments
- ARENA, JAY MORRIS, (1933) B.S., M.D.
Associate in Pediatrics
 Vineyard Street
- ATWOOD, THEODORE W., (1934) A.B., D.M.D.
Associate in Dentistry
 Allenton Apartments
- AVILÉS, LUIS, JR., (1935) A.B., A.M., Ph.D.
Instructor in Romance Languages
 1407 Alabama Avenue
- BAKER, BESSIE, (1930) B.S., R.N.
Dean of the School of Nursing and
Professor of Nursing Education
 Nurses Home
- BAKER, ROGER DENIO, (1930) A.B., M.D.
Assistant Professor of Pathology
 1111 Watts Street
- BALDWIN, ALICE MARY, (1923) A.B., A.M., Ph.D.
Associate Professor of History
 East Campus
- BAUM, PAULL FRANKLIN, (1922) A.B., A.M., Ph.D.
Professor of English
 103 Faculty Apartments, East Campus
- BEARD, JOSEPH W., (1937) A.B., M.D.
Assistant Professor of Experimental Surgery
 Duke Hospital
- BERNHEIM, FREDERICK, (1930) A.B., Ph.D.
Associate Professor of Physiology and Pharmacology
 Woodridge Drive, Rockwood
- BERNHEIM, MARY LILAS CHRISTIAN, MRS., (1930) B.A., M.A., Ph.D.
Assistant Professor of Biochemistry
 Woodridge Drive, Rockwood
- BERRY, EDWARD WILLARD, (1936) A.B., Ph.D.
Assistant Professor of Geology
 1102 North Duke Street
- BERRY, THOMAS SENIOR, (1935) S.B., M.A.
Instructor in Economics
 Chapel Hill Road
- BIGELOW, LUCIUS AURELIUS, (1929) S.B., Ph.D.
Associate Professor of Chemistry
 Pinecrest Road
- BIRD, HAROLD CRUSIUS, (1926) Ph.B., C.E.
Professor of Civil Engineering
 1209 Virginia Avenue
- BLACK, MARTIN LEE, JR., (1930) A.B., M.B.A., C.P.A.
Assistant Professor of Accounting
 Pinecrest Road
- BLACKBURN, WILLIAM MAXWELL, (1926) A.B., B.A., M.A.
Assistant Professor of English
 1028 Gloria Avenue
- BLOMQUIST, HUGO LEANDER, (1920) B.S., Ph.D.
Professor of Botany
 922 Demarius Street
- BOLICH, WILLIAM BRYAN, (1927) A.B., B.A., M.A., B.C.L.
Professor of Law
 Hope Valley
- BOOKHOUT, CAZLYN GREEN, (1935) A.B., A.M., Ph.D.
Instructor in Zoology
 Erwin Apartments

- BOYD, WILLIAM KENNETH, (1906), A.B., A.M., Ph.D.
Professor of History Hope Valley
- BRADFORD, WILLIAM ZIEGLER, (1934) B.S., M.D.
Director, Outside Obstetric Service Duke Hospital and Charlotte, N. C.
- BRADWAY, JOHN SAEGER, (1931) A.B., A.M., LL.B.
Professor of Law 111 Briarcliff Road
- BRANSCOMB, BENNETT HARVIE, (1925) A.B., B.A., M.A., Ph.D.
Professor of New Testament Language and Literature
 Chelsea Circle, Hope Valley
- BRIDGERS, FURMAN ANDERSON, (1926) A.B., A.M.
Assistant Professor of Romance Languages 1325 Arnette Avenue
- BROADHEAD, EDWARD HALL, (1933) A.B., A.M.
Instructor in Music 1001 Watts Street
- BROWN, FRANCES, (1931) A.B., Ph.D.
Instructor in Chemistry 1112 Alabama Avenue
- BROWN, FRANK CLYDE, (1909) A.B., A.M., Ph.D.
Professor of English 410 Buchanan Road
- BROWNELL, WILLIAM ARTHUR, (1930) A.B., A.M., Ph.D.
Professor of Educational Psychology Hope Valley
- BRYSON, THADDEUS DILLARD, (1928)
Professor of Law Hope Valley
- CALLAWAY, JASPER LAMAR, (1937) M.D.
Instructor in Medicine, Dermatology and Syphilology Duke Hospital
- CANNON, JAMES, III, (1919) A.B., A.M., Th.B., Th.M.
Ivey Professor of History of Religion and Missions
 Chelsea Circle, Hope Valley
- CARLITZ, LEONARD, (1932) A.B., Ph.D.
Assistant Professor of Mathematics 6 Bickett Apartments
- CARPENTER, DAVID WILLIAMS, (1929) A.B., M.A., Ph.D.
Instructor in Physics 2508 Englewood Avenue
- CARR, JOHN WINDER, JR., (1926) A.B., A.M., Ph.D.
Associate Professor of Education 926 Monmouth Avenue
- CARROLL, EBER MALCOLM, (1923) A.B., A.M., Ph.D.
Professor of History 113 Faculty Apartments
- CARTER, BAYARD, (1931) A.B., B.A., M.A. M.D.
Professor of Obstetrics and Gynecology West Campus
- CAVERS, DAVID FARQUHAR, (1931) B.S., LL.B.
Professor of Law 414 Carolina Circle
- CHAPMAN, ROBERT G., (1936) B.S. in M.E., M.M.E.
Instructor in Mechanical Engineering Pickett Road
- CHILDS, BENJAMIN GUY, (1924) A.B., A.M.
Professor of Education 1019 W. Markham Avenue

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- COILE, THEODORE STANLEY, (1935) B.S.F., M.F.
Assistant Professor of Forestry Duke University
- COLE, ROBERT TAYLOR, (1935) A.B., A.M., Ph.D.
Assistant Professor of Political Science 512 Watts Street
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Associate in Bacteriology and Mycology 2313 Englewood Avenue
- CONSTANT, FRANK WOODBRIDGE, (1930) B.S. Ph.D.
Assistant Professor of Physics 2320 Club Boulevard
- COOLIDGE, THOMAS BUCKINGHAM, (1935) B.A., M.D.
Instructor in Biochemistry 1107 Watts Street
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- *CRANFORD, WILLIAM IVEY, (1891) A.B., Ph.D.
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- CRUM, MASON, (1930) A.B., A.M., Ph.D.
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- DAVIS, GIFFORD (1930) A.B., A.M., Ph.D.
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- DAVISON, WILBURT CORNELL, (1927) A.B., B.A., B.Sc., M.A., D.Sc., M.D.
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- DOW, NEAL, (1934) A.B. A.M.
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• Deceased Aug. 31, 1936.

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1025 Monmouth Avenue
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- FORBUS, WILEY DAVIS, (1930) A.B., M.D.
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- HART, DERYL, (1930) A.B., A.M., M.D.
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* Resigned Aug. 10, 1936.

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- HASBROUCK, FRANCIS MAHLN, (1935) A.B., Ph.D.
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- HATLEY, CHARLES CLEVELAND, (1917) A.B., A.M., Ph.D.
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- HAUSER, CHARLES ROY, (1929) B.S., M.S., Ph.D.
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- HEINITSH, GEORGE, (1932) B.S., M.D.
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- HERRING, HERBERT JAMES, (1924) A.B., A.M.
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- HETHERINGTON, DUNCAN CHARTERIS, (1930) A.B., M.A., Ph.D., M.D.
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- *HICKMAN, FRANKLIN SIMPSON, (1927) A.B., A.M., S.T.B., Ph.D.
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- HICKSON, ARTHUR OWEN, (1929) A.B., A.M., Ph.D.
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- HILL, DOUGLAS, (1931) A.B., M.A., Ph.D.
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- HOBBS, MARCUS EDWIN, (1935) A.B., M.A., Ph.D.
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- HOLLINSHEAD, WILLIAM HENRY, (1931) B.A., M.S., Ph.D.
Associate in Anatomy 1016 Urban Avenue
- HOLSCHER, EDWARD CHARLES, (1936) A.B., B.S., M.D.
Instructor in Orthopedics Duke Hospital
- HOLTON, HOLLAND, (1912) A.B., J.D.
Professor of the History and Science of Education 809 Watts Street
- HOOVER, CALVIN BRYCE, (1925) A.B., Ph.D.
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- HOPKINS, DWIGHT LUCIAN, (1928) B.S., M.S., Ph.D.
Assistant Professor of Zoology 922 Demerius Street
- HORACK, HUGO CLAUDE, (1930) Ph.B., LL.B.
Professor of Law West Campus
- HUBBELL, JAY BROADUS, (1927) A.B., A.M., Ph.D.
Professor of English Pinecrest Road
- IRVING, WILLIAM HENRY, (1936) A.B., B.A., (Oxon), M.A., Ph.D.
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- JACOBS, JULIEN E., (1936) M.D.
Instructor in Orthopedics Duke Hospital
- JENSEN, HOWARD EIKENBERRY, (1931) A.B., A.M., B.D., Ph.D.
Professor of Sociology 143 Pinecrest Road

* Absent on leave, second semester, 1936-37.

- JOHNSTON, CHRISTOPHER, (1930) A.B., M.D.
Assistant Professor of Medicine 118 W. Seeman Street
- JONES, ROBERT RANDOLPH, JR., (1930) A.B., M.D.
Assistant Professor of Surgery 1105 Watts Street
- JORDAN, ARCHIBALD CURRIE, (1925) A.B., A.M.
Assistant Professor of English Pinecrest Road, Corner Highway No. 71
- JORDAN, BRADY RIMBEY, (1927) Litt.B., Ph.D.
Professor of Romance Languages Pinecrest Road
- JOYNER, GEORGE W., (1932) B.S., M.D.
Instructor in Surgery Duke Hospital
- KEECH, JAMES MAYNARD, (1931) A.B., A.M.
Instructor in Economics Guess Road
- KELLEY, WILLIAM HENRY, (1934) M.D.
Associate in Medicine 2511 University Drive, Rockwood
- KEMPNER, WALTER, (1935) M.D.
Associate in Medicine Washington Duke Hotel
- KORSTIAN, CLARENCE FERDINAND, (1930) B.S.F., M.F., M.A., Ph.D.
Professor of Silviculture 908 West Markham Avenue
- KRAMER, PAUL JACKSON, (1931) A.B., M.Sc., Ph.D.
Assistant Professor of Botany 2403 Englewood Avenue
- KRUMMEL, CHARLES ALBERT, (1922) Ph.B., Ph.M., Ph.D.
Professor of German 2118 Englewood Avenue
- LANDON, CHARLES EDWARD, (1926) A.B., A.M., Ph.D.
Assistant Professor of Economics 1001 West Trinity Avenue
- LANNING, JOHN TATE, (1927) A.B., A.M., Ph.D.
Assistant Professor of History Ambassador Apartments
- LAPRADE, WILLIAM THOMAS, (1909) A.B., Ph.D.
Professor of History 1108 Monmouth Avenue
- *LAYTON, PHILIP RAYMOND, (1935) A.B., LL.B., M.B.A.
Instructor in Business Administration 903 Sixth Street
- LEMERT, BEN FRANKLIN, (1930) B.S.E., M.A., Ph.D.
Assistant Professor of Economic Geography 15 Ambassador Apartments
- LEWIS, LEROY, (1935) A.B.
Instructor in Public Speaking Y. M. C. A.
- LEWIS, WILLIAM WHITFIELD, (1934) B.S. in C.E.
Instructor in Engineering 1007 W. Trinity Avenue
- LOWNDES, CHARLES LUCIEN BAKER, (1934) A.B., LL.B., S.J.D.
Professor of Law 2108 University Drive
- LUNDEBERG, OLAV, (1931) A.B., A.M., Ph.D.
Associate Professor of Romance Languages 1001 Lamond Avenue
- LUNDHOLM, HELGE, (1930) Ph.D.
Associate Professor of Psychology Rollins Apartments

* Resigned July 31, 1936.

- MABRY, WILLIAM ALEXANDER, (1930) A.B., A.M., Ph.D.
Instructor in History 703 Club Boulevard
- MAGGS, DOUGLAS BLOUNT, (1930) A.B., J.D., S.J.D.
Professor of Law Hope Valley
- MANCHESTER, ALAN KREBS, (1929) A.B., A.M., Ph.D.
Assistant Professor of History West Campus
- MARIA, ALFRED JOSEPH, (1935) B.S., A.M., Ph.D.
Visiting Assistant Professor of Mathematics 1103 North Gregson Street
- MARTIN, DONALD STOVER, (1934) A.B., M.D.
Assistant Professor of Bacteriology and Associate in Medicine
2609 Chapel Hill Boulevard
- MARTIN, ELSIE WILSON, MRS., (1930) A.B., M.S.
Professor of Dietetics Faculty Apartments, East Campus
- MATHEWS, RALPH THOMPSON, (1930) B.S. in M.E.
Instructor in Mechanical Engineering 255 College Station
- MAUGHAN, WILLIAM, (1931) B.S., M.F.
Associate Professor of Forestry 2307 Club Boulevard
- MAXWELL, WILLIAM CARY, (1930) A.B., A.M., Ph.D.
Instructor in German Pinecrest Road
- MAYFIELD, MARIE MARCIA, (1935) A.B., Brevet d'Art de la Sorbonne
Instructor in Fine Arts 406 Watts Street
- McBRYDE, ANGUS MURDOCH, (1931) B.S., M.D.
Assistant Professor of Pediatrics Hope Valley
- MCCAIN, PAUL PRESSLY, (1933) A.B., M.D.
Assistant Professor of Clinical Medicine Duke Hospital and
Southern Pines, N. C.
- MCCLOY, SHELBY THOMAS, (1927) A.B., M.A., B.A., B.Litt., Ph.D.
Instructor in History 1208 Arnette Avenue
- MCCREA, FOREST DRAPER, (1930) B.S., M.S., Ph.D.
Associate Professor of Physiology and Pharmacology
1010 Monmouth Avenue
- MCDERMOTT, MALCOLM, (1930) A.B., LL.B.
Professor of Law East Campus
- MCDONALD, ALEXANDER DONALD, (1936) A.B., M.F.A.
Assistant Professor of Fine Arts Faculty Apartments, East Campus
- MCDUGALL, WILLIAM, (1927) B.A., M.A., M.B., D.Sc., Litt.D.
Professor of Psychology Faculty Apartments, East Campus
- McLARTY, FURMAN GORDON, (1933) A.B., B.A., A.M., Ph.D.
Instructor in Philosophy Hillsboro, N. C.
- *McMANUS, MARY IDOLENE, (1935) A.B., A.M., Ph.D.
Instructor in Zoology 1005 West Trinity Avenue
- McMILLAN, ROBERT LINDSAY, (1934) M.D.
Instructor in Medicine Duke Hospital

* Deceased Dec. 21, 1936.

- MEIER, OTTO, JR., (1934) B.S. in E.E.
Instructor in Electrical Engineering 1103 North Gregson Street
- MILES, EDWARD ROY CECIL, (1929) B.S., M.A., Ph.D.
Assistant Professor of Mathematics 118 Faculty Apartments, East Campus
- MITCHELL, FRANK KIRBY, (1926) A.B., A.M.
Associate Professor of English 1008 W. Trinity Avenue
- MORGAN, GEORGE ALLEN, JR., (1936) A.B., A.M., Ph.D.
Associate Professor of Philosophy 1210 Vickers Avenue
- MOUZON, JAMES CARLISLE, (1932) B.A., Ph.D.
Instructor in Physics 2017 Wa-Wa Avenue
- MUNYAN, MERRILL CALVIN, (1934) A.B.
Instructor in History East Campus
- MYERS, HIRAM EARL, (1926) A.B., S.T.B., S.T.M.
Professor of Biblical Literature Pinecrest Road
- NELSON, ERNEST WILLIAM, (1926) A.B., A.M., Ph.D.
Assistant Professor of History 2032 Club Boulevard
- NESTER, GARNETT ANNE, (1935) R.N., B.S.
Instructor in Nursing Duke Hospital
- NEWBERN, WALTER RELFE, (1935)
Assistant in Anatomy 1811 W. Pettigrew Street
- *NICHOL, ARCHIBALD JAMESON, (1930) A.B., M.A., Ph.D.
Instructor in Economics 1112 Alabama Avenue
- NICHOLSON, WILLIAM MCNEAL, (1935) A.B., M.D.
Associate in Medicine and Biochemistry 1502 Florida Avenue
- NIELSEN, WALTER MCKINLEY, (1925) B.S., Ph.D.
Assistant Professor of Physics 1009 Green Street
- OOSTING, HENRY JOHN, (1932) A.B., M.S., Ph.D.
Instructor in Botany University Drive, Rockwood
- ORGAIN, EDWARD STEWART, (1934) M.D.
Associate in Medicine and Physiology Faculty Apartments
- ORMOND, JESSE MARVIN, (1923) A.B., B.D.
Professor of Practical Theology 301 Watts Street
- PACHMAN, DANIEL J., (1936) A.B., M.D.
Instructor in Pediatrics Duke Hospital
- PATTERSON, KARL BACHMAN, (1920) A.B., A.M.
Assistant Professor of Mathematics 1024 Monmouth Avenue
- PATTON, LEWIS, (1926) A.B.
Assistant Professor of English 1511 W. Pettigrew Street
- PEARSE, ARTHUR SPERRY, (1926) B.S., A.M., Ph.D.
Professor of Zoology Chelsea Circle, Hope Valley

* Resigned July 2, 1936.

- PEPPLER, CHARLES WILLIAM, (1912) A.B., Ph.D.
Professor of Greek 406 Buchanan Road
- PERLZWEIG, WILLIAM ALEXANDER, (1930) B.S., A.M., Ph.D.
Professor of Biochemistry Hope Valley
- PERRY, HAROLD SANFORD, (1932) B.S., Ph.D.
Instructor in Botany 1222 Sixth Street
- PERSONS, ELBERT LAPSLEY, (1935) A.B., M.D.
Associate in Medicine and Dermatology
 Allenton Apartments, West Trinity Avenue
- POTTEAT, JAMES DOUGLAS, (1936) A.B., LL.B., J.S.D.
Professor of Law 1015 Dacian Avenue
- POTTEAT, MARY, (1935) A.B., A.M., Ph.D.
Instructor in English 402 Buchanan Road
- PROCTOR, ARTHUR MARCUS, (1923) A.B., A.M., Ph.D.
Professor of Education West Campus
- PULLIAS, EARL VIVON, (1932) A.B., A.M., Ph.D.
Instructor in Education 2015 Wa-Wa Avenue
- QUYNN, DOROTHY MACKAY, MRS., (1930) A.B., M.A., Docteur de L'Universite
 de Paris
Assistant Professor of History Woodridge Drive, Rockwood
- QUYNN, WILLIAM ROGERS, (1930) B.A., M.A., Ph.D.
Instructor in Romance Languages Woodridge Drive, Rockwood
- RANKIN, ROBERT STANLEY, (1927) A.B., A.M., Ph.D.
Professor of Political Science Manchester Apartments
- RANKIN, WATSON SMITH, (1927) M.D.
Lecturer in Preventive Medicine and Public Health Charlotte, N. C.
- RANKIN, WILLIAM WALTER, JR., (1926) B.E., M.A.
Professor of Mathematics 1011 Gloria Avenue
- RANSON, RUSSELL, (1934) B.S.
Instructor in Electrical Engineering Bickett Apartments
- RATCHFORD, BENJAMIN ULYSSES, (1928) B.S., A.M., Ph.D.
Assistant Professor of Economics 2030 Englewood Avenue
- RAYMOND, MARY LOIS, (1931) A.B., M.A.
Instructor in Romance Languages 1003 Lamond Avenue
- REED, FREDERICK JEROME, (1935) M.E., M.S.
Instructor in Mechanical Engineering 1013 Rosehill Avenue
- REEVES, ROBERT JAMES, (1930) A.B., M.D.
Associate Professor of Roentgenology
 212 Faculty Apartments, East Campus
- RHINE, JOSEPH BANKS, (1927) B.S., M.S., Ph.D.
Associate Professor of Psychology Nation Avenue
- ROBERTS, JOHN H., (1931) A.B., Ph.D.
Assistant Professor of Mathematics 1011 Rose Hill Avenue

- ROSBOROUGH, RUSKIN RAYMOND, (1925) A.B., A.M., Ph.D., Docteur en philologie classique, Louvain
Professor of Latin 1027 W. Trinity Avenue
- ROSS, ROBERT ALEXANDER, (1930) B.S., M.D.
Assistant Professor of Obstetrics and Gynecology 818 Anderson Street
- ROWE, GILBERT THEODORE, (1928) A.B., D.D., Litt.D.
Professor of Christian Doctrine Pinecrest Road
- RUFFIN, JULIAN MEADE, (1930) A.B., M.A., M.D.
Assistant Professor of Medicine 1010 Green Street
- RUSH, KENNETH, (1936) A.B., LL.B.
Assistant Professor of Law No. 3 Salmon Apartments
- RUSSELL, ELBERT, (1926) A.B., A.M., Ph.D.
Professor of Biblical Interpretation 811 Vickers Avenue
- SANDERS, PAUL HAMPTON, (1936) A.B., LL.B.
Assistant Professor of Law 823 Buchanan Boulevard
- SANGER, PAUL WELDON, (1931) A.M., M.D.
Instructor in Surgery Duke Hospital
- SAYLOR, JOHN HENRY, (1928) A.B., A.M., Ph.D.
Assistant Professor of Chemistry 1604 B Street
- SCHIEBEL, HERMAN MAX, (1933) A.B., M.D.
Instructor in Surgery Duke Hospital
- SCHUMACHER, FRANCIS X., (1937) B.S.
Professor of Forestry Duke University
- SEELEY, WALTER JAMES, (1925) E.E., M.S.
Professor of Electrical Engineering 1005 Urban Avenue
- SHANDS, ALFRED RIVES, JR., (1930) B.A., M.D.
Associate Professor of Surgery in Charge of Orthopedics 812 Anderson Street
- SHEARS, LAMBERT ARMOUR, (1927) A.B., A.M., Ph.D.
Instructor in German 917 Green Street
- SHERWOOD, MILDRED, (1931) R.N.
Instructor in Pediatrics Duke Hospital
- SHIELDS, JOHN HERMAN, (1926) A.B., A.M.
Assistant Professor of Accounting 2 Eloise Apartments
- SHRYOCK, RICHARD HARRISON, (1925) B.S., Ph.D.
Professor of History 1107 Watts Street
- SIMPSON, WILLIAM HAYS, (1930) A.B., A.M., Ph.D.
Instructor in Political Science 1009 Green Street
- SMITH, DAVID TILLERSON, (1930) A.B., M.D.
Professor of Bacteriology and Associate Professor of Medicine Hope Valley
- SMITH, HILRIE SHELTON, (1931) A.B., Ph.D., D.D.
Professor of Religious Education 1523 Hermitage Court
- SMITH, ROBERT SIDNEY, (1932) A.B., A.M., Ph.D.
Instructor in Economics 108 Forest Wood Drive
- SMITH, RUTH SLACK, MRS., (1927) A.B., A.M.
Instructor in Education 115 Faculty Apartments, East Campus

- SMITH, SUSAN GOWER, (1930) A.B., M.A.
Associate in Medicine and Nutrition Hope Valley
- SPENCE, BESSIE WHITTED, MRS., (1929) A.B., A.M., B.D.
Instructor in Biblical Literature Hope Valley
- SPENCE, HERSEY EVERETT, (1918) A.B., A.M., B.D.
Professor of Biblical Literature and Religious Education Hope Valley
- SPENGLER, JOSEPH JOHN, (1934) A.B., M.A., Ph.D.
Associate Professor of Economics 1601 Lakewood Avenue
- SPONER, HERTHA, (1935) Ph.D.
Professor of Physics Second Street
- SPRINGER, JOHN YOUNG, (1936) A.B., M.B.A.
Assistant Professor of Economics 1113 Alabama Avenue
- SPRUNT, DOUGLAS HAMILTON, (1932) B.S., M.S., M.D.
Associate Professor of Pathology Hope Valley
- STERN, WILLIAM, (1934) Ph.D., LL.D.
Professor of Psychology 305 Faculty Apartments, East Campus
- STINESPRING, WILLIAM FRANKLIN, (1936) A.B., M.A., Ph.D.
Assistant Professor of Old Testament 1107 Urban Avenue
- SUGDEN, HERBERT WILFRED, (1929) A.B., A.M., Ph.D.
Assistant Professor of English 201 Faculty Apartments, East Campus
- SWETT, FRANCIS HUNTINGTON, (1930) A.B., M.A., Ph.D.
Professor of Anatomy Hope Valley
- SYDNOR, CHARLES SACKETT, (1936) A.B., Ph.D.
Associate Professor of History 212 Watts Street
- TAYLOR, HAYWOOD MAURICE, (1930) B.S., M.S., Ph.D.
Assistant Professor of Biochemistry and Toxicology University Drive, Rockwood
- THOMAS, JOSEPH MILLER, (1930) A.B., Ph.D.
Professor of Mathematics East Campus
- THOMPSON, EDGAR T., (1935) A.B., A.M., Ph.D.
Assistant Professor of Sociology 107 West Trinity Avenue
- TRUESDALE, JAMES N., (1930) A.B., A.M., Ph.D.
Instructor in Greek East Campus
- UPCHURCH, SAMUEL E., (1935) B.A., M.D.
Assistant in Surgery Duke Hospital
- VANCE, MARY HENDREN, MRS., (1926) A.B., A.M.
Assistant Professor of English Watts Street
- VOLLMER, CLEMENT, (1926) A.B., A.M., Ph.D.
Professor of German West Campus
- VON BECKERATH, HERBERT, (1935) Ph.D.
Professor of Economics and Government 203 Battle Street, Chapel Hill, N. C.
- VOSBURGH, WARREN CHASE, (1928) B.S., M.S., Ph.D.
Professor of Chemistry 2319 Englewood Avenue

- VOYLES, CARL, (1931) B.S. 1005 Monmouth Avenue
Assistant Director of Physical Education, Trinity College
- WADE, WALLACE, (1931) A.B. West Campus
Director of Physical Education, Trinity College
- WALKER, ROWLAND H., JR., (1935) A.B., M.D. Duke Hospital
Instructor in Private Diagnostic Clinic
- WALLACE, ELBERT STEPHEN, (1936) A.B., A.M. 905 Sixth Street
Instructor in Economics
- WALTON, LORING BAKER, (1929) Lic. es L. 1012 Green Street
Assistant Professor of Romance Languages
- WANNAMAKER, WILLIAM HANE, (1904) A.B., A.M., Litt.D. West Campus
Professor of German
- WARD, CHARLES EUGENE, (1927) A.B., A.M., Ph.D. Tuscaloosa Forest
Instructor in English
- WAY, VERNON ELGIN, (1930) A.B., A.M., M.A. 814 Watts Street
Assistant Professor of Greek
- WEBB, ALBERT MICAJAH, (1903) A.B., A.M. 1017 Trinity Avenue
Professor of Romance Languages
- WELFLING, WELDON, (1936) A.B., A.M. Corner Vineyard Street and Legion Avenue
Instructor in Economics
- WEST, ALFRED THURBER, (1930) B.S. 909 North Gregson Street
Instructor in English
- WHITE, MARIE ANNE, MRS., (1930) A.B., A.M. Chelsea Circle, Hope Valley
Instructor in English
- WHITE, NEWMAN IVEY, (1919) A.B., A.M., Ph.D. Chelsea Circle, Hope Valley
Professor of English
- WIDGERY, ALBAN GREGORY, (1930) B.A., M.A. St. Catherine, Pinecrest Road
Professor of Philosophy
- WILBUR, RALPH SYDNEY, (1933) B.S. in M.E., M.E. 1317 Arnette Avenue
Associate Professor of Mechanical Engineering
- WILSON, FREDERICK ELIPHAZ, (1923) A.B., A.M. 1007 Urban Avenue
Assistant Professor of German
- WILSON, ROBERT NORTH, (1910) A.B., M.S. 822 Third Street
Professor of Chemistry
- WILSON, ROBERT RENBERT, (1925) A.B., A.M., Ph.D. 216 Forest Wood Drive
Professor of Political Science
- WOLF, FREDERICK ADOLPHUS, (1927) A.B., A.M., Ph.D. 924 Urban Avenue
Professor of Botany
- WOODY, ROBERT HILLIARD, (1929) Ph.B., A.M., Ph.D. 108 Forest Wood Drive
Instructor in History
- WRIGHT, JAMES DIXON, (1935) A.B., A.M. 1007 Lamond Avenue
Instructor in German

YATES, ANNE, (1933) A.B., A.M., Ph.D. <i>Associate in Biochemistry</i>	Duke Hospital
YOUNG, EDWARD HUDSON, (1923) A.B., A.M. <i>Assistant Professor of Romance Languages</i>	13 Beverly Apartments
ZENER, KARL EDWARD, (1928) A.B., A.M., Ph.D. <i>Assistant Professor of Psychology</i>	416 Carolina Circle
<hr/>	
BAKER, ELEANOR USSHER, (1930) A.B. <i>Instructor in English in School of Nursing</i>	Duke Hospital
BATCHELDER, MARION FRANCIS, (1930) R.N. <i>Instructor in Nursing Administration and Supervision</i>	Duke Hospital
CARNEY, JAMES JOSEPH, JR., (1934) A.B., A.M. <i>Instructor (Part Time) in Economics</i>	302 Southgate
CHAFFIN, NORA CAMPBELL, (1936) A.B., A.M. <i>Instructor (Part Time) in History</i>	Bassett House
CULBRETH, SARAH ELIZABETH, (1936) A.B., A.M. <i>Instructor (Part Time) in Zoology</i>	307 Watts Street
DILL, ISABEL HUNTER, (1934) R.N., B.S. <i>Instructor in Principles and Practice of Nursing</i>	Duke Hospital
DOW, MARIE, MME., (1934) L. es L., M.A. <i>Instructor (Part Time) in French</i>	205 Forest Wood Drive
ECKARD, EDWIN WOODROW, (1936) A.B., A.M. <i>Instructor (Part Time) in Economics</i>	206 Watts Street
EPERSON, JESSE HARRISON, (1930) B.S. <i>Instructor in Preventive Medicine and Public Health</i>	1202 Mangum Street
HAMILTON, WILLIAM BASKERVILLE, JR., (1936) A.B., A.M. <i>Instructor (Part Time) in History</i>	1114 Eighth Street
FOERSTER, ALMA PAULINE, (1936) A.B., A.M. <i>Instructor (Part Time) in History</i>	306 Faculty Apartments
HINVES, EDITH, (1934) R.N. <i>Instructor in Nursing Supervision</i>	Duke Hospital
ROSE, JESSE LEE, (1936) A.B., M.A. <i>Instructor (Part Time) in Latin</i>	Myrtle Drive

INSTRUCTIONAL ASSISTANTS

ANDERSON, WILLIAM ARNOLD DOUGLAS, (1936) B.A., M.A., M.D. <i>Assistant in Pathology</i>	Duke Hospital
BAYLIN, GEORGE JAY, (1934) A.B. <i>Assistant in Anatomy</i>	Erwin Apartments
BORLAND, ANDREW HOYT, (1934) A.B., LL.B. <i>Assistant in Legal Aid Clinic</i>	804 Second Street
BRUCH, ERNST, (1936) Ph.D., M.D. <i>Research Fellow in Biochemistry</i>	819 Third Street

- *BRYSON, EDWIN CONSTANT (1931)
Assistant in Legal Aid Clinic 307 Faculty Apartments, East Campus
- BURNS, MARGARET VIRGINIA, (1936)
Assistant in Anatomy Aycock House, East Campus
- DEVINE, JOHN WILLIAM, JR., (1935) B.S., M.D.
Assistant in Surgery Duke Hospital
- ESKRIDGE, THOMAS JOSEPH, JR., (1936) A.B., A.M.
Instructor (Part Time) in Education 708 Buchanan Boulevard
- FEDER, JOHN GEORGE, (1936) A.B., M.D.
Assistant in Neuropsychiatry Duke Hospital
- FLETCHER, RICHARD VAN, (1933) B.S., M.D.
Assistant in Surgery Duke Hospital
- KLEIN, JAMES RAYMOND, (1934) A.B.
Assistant in Biochemistry Duke Hospital
- KONDRITZE, ALBERT, (1934) A.B., M.S.
Assistant in Biochemistry Duke Hospital
- MASON, MARY LOCHER, MRS., (1931) Diploma in Fine Arts, Teachers College,
 Columbia University
Assistant in Education Washington Duke Hotel
- MICHEL, HARRY OSCAR, (1934) B.S.
Assistant in Biochemistry Duke Hospital
- MILLER, BEN NEELY, JR., (1935) B.S., M.D.
Assistant in Medicine Duke Hospital
- MILLER, CHARLES HENDERSON, (1934) A.B., LL.B.
Assistant in Legal Aid Clinic Aycock Apartments
- MORGAN, JASPER EUGENE, (1936) B.S., A.M., Ph.D.
Assistant in Roentgenology 311 Alston Avenue
- NEWBERN, WALTER RELFE, (1936) A.B.
Assistant in Anatomy 2100 Erwin Road
- PEARSE, RICHARD LEHMER, (1936) A.B., M.D.
Assistant in Obstetrics and Gynecology Duke Hospital
- POSTON, MARY ALVERTA, (1930)
Assistant in Bacteriology Duke Hospital
- QUERY, RICHARD ZIMRI, JR., (1935) B.S., M.D.
Assistant in Medicine and Bacteriology Duke Hospital
- RAPER, JAMES SIDNEY, (1936)
Assistant in Anatomy 1013 Monmouth Avenue
- REISER, RAYMOND, (1936) A.B., Ph.D.
Fellow in Medicine Duke Hospital
- ROBERTS, LOUIS CARROLL, (1934) A.B., M.D.
Assistant in Surgery Duke Hospital

* On leave, 1936-37.

ROSS, IRA STANLEY, (1936) A.B. <i>Assistant in Anatomy</i>	808 Third Street
RUCKER, EDWIN MACRAE, (1936) A.B., M.D. <i>Assistant in Obstetrics and Gynecology</i>	Duke Hospital
SEITZ, GIFFORD DE ALTON, (1936) B.A., M.D. <i>Assistant in Obstetrics and Gynecology</i>	Duke Hospital
SHIPP, MARY ELIZABETH, (1932) A.B., M.A. <i>Research Assistant in Anatomy</i>	Duke Hospital
STAYER, GLENN EMORY, (1936) A.B., M.D. <i>Assistant in Otolaryngology</i>	Duke Hospital
STONE, ROBERT EDWARD, (1936) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
STUBBS, ALSTON, (1935) A.B., LL.B., LL.M. <i>Assistant in Legal Aid Clinic</i>	Hope Valley
TWADDELL, VERA CARR, MRS., (1931) A.B. <i>Assistant in Education</i>	707 S. Duke Street
UPCHURCH, SAMUEL E., (1935) B.A., M.D. <i>Assistant in Surgery</i>	Duke Hospital
VAUGHAN, WALTER WEDDLE, (1936) A.B., M.D. <i>Assistant in Radiology</i>	Hermitage Court
WEBSTER, MARGARET DOROTHY, (1934) B.Sc., M.Sc. <i>Assistant in Physiology and Pharmacology</i>	Duke Hospital
WELLS, WARNER LEE, (1936) A.B. <i>Assistant in Anatomy</i>	Duke Hospital
WILBUR, E. LLOYD, (1935) M.D. <i>Assistant in Pathology</i>	Duke Hospital
WRIGHT, DEWITT, (1936) B.S., J.D. <i>Assistant in Legal Aid Clinic</i>	207 E. Trinity Avenue

**INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
TRINITY COLLEGE**

ASHWORTH, RUFUS CHARLES, (1935) A.B. <i>Assistant in Physical Education</i>	104 Epworth, East Campus
CALDWELL, HERSCHEL, (1930) <i>Assistant in Physical Education</i>	920 Buchanan Boulevard
CAMERON, EDMUND McCULLOUGH, (1926) A.B. <i>Assistant in Physical Education</i>	214 Swift Avenue
CARD, WILBUR WADE, (1902) A.B. <i>Assistant in Physical Education</i>	1110 Minerva Avenue
COOMBS, JOHN WESLEY, (1929) B.S. <i>Assistant in Physical Education</i>	101 House DD, Craven Quadrangle
CHAMBERS, ROBERT LUTHER, (1933) B.S. <i>Assistant in Physical Education</i>	145 Pinecrest Road

CRICHTON, MARSHALL, (1931) <i>Assistant in Physical Education</i>	Hope Valley
DEAN, DAYTON ROBERT, (1931) A.B. <i>Business Manager of Athletics</i>	403 Union, West Campus
FOGLEMAN, WILLIAM HARRY, (1935) <i>Assistant in Physical Education</i>	2109 Chapel Hill Road
GERARD, KENNETH, (1931) B.S. <i>Assistant in Physical Education</i>	1209 N. Duke Street
HAGLER, ELLIS, (1930) <i>Assistant in Physical Education</i>	Vance Apartments, Dacian Avenue
HENDRICKSON, HORACE, (1934) <i>Assistant in Football</i>	1700 Duke University Drive
PERSONS, WALTER, (1930) <i>Assistant in Physical Education</i>	302 House K, West Campus
ROGERS, THOMAS, (1934) <i>Assistant in Football</i>	206 Watts Street
WAITE, ALEX, (1931) A.B. <i>Assistant in Physical Education</i>	Pinecrest Road
WARD, THURMAN L., (1936) <i>Assistant in Physical Education</i>	1202 Broad Street
WARREN, ADDISON, (1931) A.B. <i>Assistant in Physical Education</i>	1013 Lamond Avenue

**INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
THE WOMAN'S COLLEGE**

BOOKHOUT, ELIZABETH CIRCLE, MRS., (1932) A.B., M.S. <i>Instructor in Physical Education</i>	12 Bickett Apartments
LEWIS, MARTHA MODENA, (1933) B.S. <i>Instructor in Physical Education</i>	806 Third Street
MORRIS, MARGARET, (1936) B.S. <i>Instructor in Physical Education</i>	806 Third Street
WYCHE, ALMA VIRGINIA, (1930) A.B., M.S. <i>Instructor in Physical Education</i>	301 Erwin Apartments

RAMSEY, SARAH WRAY, (1928) R.N. <i>Resident Nurse</i>	East Campus Infirmary
VESTAL, MOZELLE, (1931) R.N. <i>Resident Nurse</i>	East Campus Infirmary

FELLOWS AND GRADUATE ASSISTANTS

UNIVERSITY FELLOWS

Altland, Paul Daniel, Jr. B.S., Gettysburg College; A.M., Duke	Zoology	Cook Street
Anderson, Marcia Lee A.B., Bryn Mawr College	English	2404 Club Boulevard

Bates, Roger Gordon B.S., Massachusetts State College; A.M., Duke	Chemistry	209 House Q
Beck, Lewis White A.B., Emory; A.M., Duke	Philosophy	602 Buchanan Blvd.
Bettersworth, John Knox A.B., Millsaps College	History	104 House B
Bowden, William Robert, Jr. A.B., Haverford College	English	201 House B
Brown, James Wilson B.S., University of Maryland	Forestry	Duke University
Correll, Donavan Stewart A.B., A.M., Duke	Botany	204 Epworth
*Culbreth, Sarah Elizabeth A.B., A.M., Duke	Zoology	307 Watts St.
Duncan, Wilbur Howard A.B., A.M., Indiana	Botany	206 Watts St.
George, Theodore Samuel B.S., Grove City College; A.M., Duke	Mathematics	602 Buchanan Blvd.
Hard, Walter Leon A.B., Albion College	Zoology	Cook St.
Henderson, Alfred James A.B., A.M., University of Rochester	History	303 House C
Key, Francis Bromley B.S., Washington and Lee	Physics	910 Markham Ave.
King, Joseph Jerone, Jr. A.B., Stanford	Economics	1506 Duke Univ. Rd.
McNicoll, Robert Edwards A.B., University of Miami; A.M., Duke	History	204 House C
Mounts, Charles Eugene A.B., A.M., University of Florida	English	1007 W. Trinity Ave.
**Oliver, Henry Madison, Jr. A.B., Southwestern; A.M., Duke	Economics	1506 Duke Univ. Rd.
Phelps, George Thomas B.S., Bethany College	Education	2103 Huron St.
Renfrow, William Burns, Jr. B.S., Furman; A.M., Duke	Chemistry	209 House Q
Savely, Harvey Epperson, Jr. B.S., Mississippi State College	Zoology	903 Sixth St.
Schopmeyer, Clifford Scharff B.S., George Washington; M.S., University of Maryland	Forestry	105 House B
Searcy, Hubert A.B., Birmingham-Southern College; A.M., Duke	Political Science	203 Faculty Apts.
Stirewalt, Martin Luther, Jr. A.B., Lenoir-Rhyne College; A.M., Duke	Greek	1505 Duke Univ. Rd.

* Resigned Oct. 17, 1936.

** Resigned Feb. 1, 1937.

Wang, Yen-chieh	Forestry	704 Buchanan Blvd.
B.S., National Tsing Hua University; M.S., Cornell		
Wiley, Edward Emerson, Jr.	Religion	103 House B
A.B., Emory and Henry College; B.D., Duke		
Wood, Gordon Reid	English	Duke University
A.B., Davidson College		

GRADUATE ASSISTANTS

Ayers, John Carr	Zoology	1507 Duke Univ. Rd.
A.B., Kalamazoo College; M.S., Kansas State College		
Barnes, William Speight	Physics	1101 Glenwood Ave., Raleigh, N. C.
A.B., Duke; J.D., University of Arizona		
Blackwell, Henry Conrad	Sociology	813 Buchanan Blvd.
B.Ph., Emory; A.M., Duke		
Bogess, William Randolph	Botany	704 Buchanan Blvd.
A.B., Concord State Teachers College		
Brewster, Lawrence Fay	History	903 Sixth St.
A.B., College of William and Mary; A.M., Columbia		
Bright, Robert Dietrich	Chemistry	107 House B
A.B., Dartmouth College		
Burt, Everett Johnson, Jr.	Economics	1506 Duke Univ. Rd.
A.B., Berea College		
Christenson, James Andreas, Jr.	Psychology	604 Gregson St.
A.B., Harvard College		
Clayton, William Joseph	Chemistry	504 Gattis St.
A.B., Southeastern Teachers College; A.M., Duke		
Coy, Nettie Helena	Physics	102 Aycock
A.B., University of New Brunswick; A.M., Columbia		
Derrickson, Mary Burton	Zoology	308 Faculty Apts.
A.B., Goucher College; A.M., Syracuse		
Dickerson, Robert Turpin	Physics	207 House B
A.B., Duke		
Dowling, Delphine Louise	Botany	306 Faculty Apts.
A.B., Barnard College; A.M., Columbia		
Eggers, Graydon Poe	English	104 House A
A.B., Carson and Newman College; A.M., Duke		
Feister, Irving	Physics	109 Epworth
A.B., Harvard College		
Firebaugh, Joseph Jesse	English	1305 B St.
A.B., University of Colorado		
Garren, Kenneth Howard	Botany	704 Buchanan Blvd.
A.B., Duke		
Garrison, John Leland	English	2212 Erwin Road
A.B., Duke		
Going, William Thornbury	English	212 Watts St.
A.B., University of Alabama		
Guyton, Percy Love	Economics	2030 Englewood Ave.
B.S., Mississippi State College; M.B.A., Northwestern		

Harris, Therman Winfred A.B., Clarendon College; M.S., University of Oklahoma	Education	2003 Club Blvd.
Havens, Ralph Murray A.B., Baker; M.B.A., University of Kansas	Economics	1301 Duke Univ. Rd.
Hopkins, John Isaac B.S., A.M., Duke	Physics	801 Club Blvd.
Jones, John Sneed B.S., George Peabody College	Philosophy for Teachers; A.M., B.D., Vanderbilt	1506 Duke Univ. Rd.
Kirby-Smith, John Seldon B.S., University of the South	Physics	207 House B
Ligon, Edgar William, Jr. B.S., University of Richmond	Zoology	1004 Minerva Ave.
McCurdy, Harold Grier A.B., Duke	Psychology	817 Second St.
McNeill, Ellis Meade A.B., Concord State Teachers College; M.S., West Virginia	Botany	704 Buchanan Blvd.
Mangrum, James Freed B.S., West Tennessee State Teachers College; M.S., University of Tennessee	Zoology	704 Buchanan Blvd.
Martin, Abram Venable, Jr. A.B., Presbyterian College	Mathematics	1506 Duke Univ. Rd.
Miller, Paul U. S. Naval Academy	Mathematics	2501 Club Blvd.
Morton, Louis B.S., A.M., New York University	History	206 Epworth
Nelson, Melvin Frederick B.S., Mississippi State College; A.M., Municipal University of Omaha	Political Science	818 Third St.
Peck, Robert Lawrence B.S., Duke	Chemistry	1023 Gloria Ave.
Pettengill, Rita Barbara A.B., Smith College	Chemistry	307 Faculty Apts.
Pohl, Herbert Ackland A.B., Duke	Chemistry	1206 Vickers Ave.
Powell, Donald Moore A.B., Swarthmore College	English	1004 Minerva Ave.
Roney, William Hamilton A.B., Occidental College; A.M., University of Michigan	Sociology	914 W. Markham Ave.
Schlesinger, Willard Raphael A.B., Duke	Political Science	1009 Dacian Ave.
Seigler, Milledge Broadus A.B., Furman; A.M., Duke	English	304 House L
Seitz, Clifford Peter A.B., A.M., Columbia	Psychology	320 Southgate
Snyder, William Ulrich A.B., Gettysburg College	Psychology	320 Southgate
Storey, George Gilbert A.B., Geneva College	English	203 House B

Stuckey, James Morlan B.S., Centenary College	Chemistry	1014 Lamond Ave.
Taylor, Charles Theodore B.S., University of Arizona	Economics	Southgate
Taylor, Henry Liles A.B., Duke	Economics	206 House Q
Triplett, Edna Bernadine A.B., Queens College; A.M., Duke	English	307 Faculty Apts.
Vermillion, Herbert Edward B.S., Monmouth College	Chemistry	1000 Lamond Ave.
*Ward, William Smith A.B., Georgetown College; A.M., Harvard	English	302 House B
Watson, Karl Brantley, Jr. B.S., A.B., University of Chattanooga; A.M., Duke	Education	216 Epworth
Wharton, George Willard, Jr. B.S., Duke	Zoology	1023 Gloria Ave.
Williams, Myra Allene A.B., Winthrop College; A.M., University of South Carolina	Zoology	108 Aycok
Wilson, John Woodrow B.S., Duke	Zoology	905 Monmouth Ave.
Woodall, John Burwell A.B., Duke	History	104 House D
Young, DeWalt Secrist A.B., Cornell	Chemistry	1014 Lamond Ave.
Ziegler, Lyman Huntington A.B., Yale	Sociology	2110 Wilson St.

GRADUATE SCHOLARS

Ayers, Archie Raymon B.S., University of South Carolina	Physics	109 Epworth
Bagby, James Willis, Jr. B.S., East Tennessee State Teachers College	Education	906 N. Gregson St.
Barnes, Annette A.B., A.M., Duke	Romance Languages	1011 Monmouth Ave.
Bolen, Claude Waldron A.B., Emory and Henry College; A.M., Duke	History	103 House B
Calfee, John Douglas A.B., Park College; M.S., University of Tennessee	Chemistry	104 Urban Ave.
Crandall, Gilbert Albert A.B., St. John's College	History	104 House B
**Creegan, Robert Francis A.B., Marietta College	Philosophy	602 Buchanan Blvd.
Dale, William Pratt, II A.B., A.M., Duke	History	300 Monmouth Ave.
Fike, Cora Ruth A.B., Bridgewater College	Mathematics	215 Faculty Apts.

* Resigned Feb. 1, 1937.

** A.B. to be conferred June, 1937.

Foster, Hazel Elisabeth A.B., Hood College	Political Science	307 Faculty Apts.
Garner, Ralph Everett A.B., A.M., Nebraska Wesleyan	Psychology	114 Epworth
Giesey, Jean Campbell A.B., Barnard College; A.M., Columbia	Psychology	402 Buchanan Blvd.
Gilmer, Lula Jane A.B., College of William and Mary	Religion	108 Aycock
Hallowell, John Hamilton A.B., Harvard	Political Science	1000 Lamond Ave.
Harrison, Francis Eugene, Jr. B.S., The Citadel; A.M., Duke	Romance Languages	105 House C
Holder, Ray A.B., A.M., University of Mississippi	History	212 Watts St.
Jacobs, Donald Harry B.S., Rutgers	Physics	1004 Minerva Ave.
Johnson, Keith Whitaker A.B., University of Kansas	Economics	606 N. Gregson St.
King, James Ervin, Jr. A.B., Harvard	Political Science	1007 W. Markham Ave.
Lanckton, Arthur Leroy A.B., Amherst College	Mathematics	214 Epworth
Miller, William Long B.B.A., University of Chattanooga	Economics	333 Southgate
Nakamura, Junichi Hiroshima	English	806 Sixth St.
Oxford, Julia Mae A.B., Bessie Tift College; A.M., University of Georgia	Psychology	308 Faculty Apts.
Pratt, Lanier Ward A.B., Davidson College	Romance Languages	105 Epworth
Rawlings, Kenneth Winn A.B., Kentucky Wesleyan College; A.M., University of Kentucky	History	331 Southgate
Scovel, Jackson A.B., University of Oklahoma	Greek	1701 Club Blvd.
Singer, Armand Edwards A.B., Amherst College	Romance Languages	2102 Englewood Ave.
Stadthagen, Heinz A.B., Bethany College; A.M., Duke	Economics	222 Epworth
Steer, Alfred Gilbert, Jr. A.B., Haverford College	German	214 Epworth
Thomas, Mary Elizabeth A.B., A.M., University of Arkansas	History	306 Faculty Apts.
Tobin, Catherine Elizabeth A.B., College of Charleston	Latin	302 Faculty Apts.
Turquette, Atwell Rufus A.B., University of Arkansas	Mathematics	818 Sixth St.

White, Mary Rebecca	Latin	204 Aycock
A.B., Fairmont State Teachers College; A.M., Duke		
Wright, James Clyde	Psychology	1111 Urban Ave.
A.B., Muskingum College		

THE UNIVERSITY LIBRARIES

BRANSCOMB, BENNETT HARVIE, A.B., B.A., M.A., Ph.D.	
<i>Director</i>	Hope Valley

GENERAL LIBRARY

BREEDLOVE, JOSEPH PENN, A.B., A.M.	
<i>Librarian</i>	Watts Street
MALONE, EVA EARNSHAW, A.B., B.S.	
<i>Assistant Librarian in Charge of Cataloguing</i>	210 Faculty Apartments, East Campus
POWELL, BENJAMIN EDWARD, A.B., B.L.S.	
<i>Head of the Reference and Circulation Divisions</i>	1104 Watts Street
WILCOX, JEROME KEAR, B.A., B.S. in L.S., M.A.	
<i>Head of the Acquisition Division</i>	1308 College Road

BLANCHARD, SARAH FERGUSON, A.B., B.S.	
<i>Cataloguer</i>	1107 Minerva Avenue
BOYD, MARY ELIZABETH, A.B., B.L.S.	
<i>Assistant in the Reference Division</i>	216 Faculty Apartments, East Campus
BURCH, VELLA JANE, A.B., A.M., A.B. in L.S.	
<i>Cataloguer</i>	316 North Elizabeth Street
BURCHETTE, KATHRYN, A.B., B.A. in L.S.	
<i>Cataloguer</i>	No. 5, Powe Apartments
COVINGTON, LENA, A.B.	
<i>Assistant in Acquisition Division</i>	1008 Monmouth Avenue
CREWS, SUDIE ELIZABETH	
<i>Assistant in Acquisition Division</i>	1004 W. Trinity Avenue
EVINS, SARAH ELFORD, B.S., B.A. in L.S.	
<i>Assistant in Charge of Exchange Catalogue</i>	209 Faculty Apartments
FAUCETTE, MARY ELIZABETH, A.B.	
<i>In Charge of Graduate Reading Room</i>	610 E. Trinity Avenue
FRAZIER, ROSE MARIE, A.B., B.S., B.M.	
<i>Cataloguer of Documents</i>	702 Buchanan Boulevard
GANTT, EVA GOLDIE, A.B.	
<i>Assistant in Acquisition Division</i>	520 S. Duke Street
GREEN, JANE, A.B., B.A. in L.S.	
<i>Assistant in Acquisition Division</i>	1004 W. Trinity Avenue

- GUAGENTY, MARY CLEMENTINE, A.B.
In Charge of Chemistry Library 1504 Broad Street
- IZARD, MARGARET, A.B.
Assistant in Cataloguing Division Chapel Hill Road, R. F. D. No. 1
- HIX, EDWIN JONATHAN, A.B.
Assistant in Circulation Division 405 Gattis Street
- JACOBSON, POLLY, A.B., B.A. in L.S.
Assistant in Cataloguing Division No. 6, Powe Apartments
- *JENSEN, EVELYN, B.S.
Cataloguer 216 Faculty Apartments, East Campus
- JOYNER, WILLIAM EPIE, A.B.
In Charge of Reserve Book-Room Duke Station
- KEEN, EUNICE, A.B., B.A. in L.S.
Cataloguer 411 Cleveland Street
- KETRING, RUTH ANNA, A.B., A.M., Ph.D.
In Charge of Manuscripts Department 208 Faculty Apartments, East Campus
- LINEBERRY, FOY, A.B., B.A. in L.S.
Cataloguer 702 Buchanan Boulevard
- LOOS, LOUISE, A.B.
Cataloguer 208 Faculty Apartments, East Campus
- MERRITT, GERTRUDE, A.B.
Assistant in Acquisition Division 2 Bickett Apartments
- MORGAN, KATHERINE, MRS., A.B.
In Charge of Physics Library 311 S. Alston Avenue
- MYERS, MILDRED FLORENCE, A.B., B.S. in L.S.
Cataloguer 704 Buchanan Boulevard
- NUERMBERGER, GUSTAVE ADOLPH, A.B., A.M., Ph.D.
Assistant in Reference Room Epworth
- OYLER, HELEN, A.B., B.S. in L.S.
Cataloguer 704 Buchanan Boulevard
- PARKER, WIXIE ELMA, A.B., B.S. in L.S.
In Charge of Periodical Department 201 Erwin Apartment
- POOLE, MARY ELIZABETH, A.B., B.A. in L.S.
Assistant Cataloguer of Documents 702 Buchanan Boulevard
- PRATT, ELLIS CARL, A.B.
Assistant in Circulation Division 1204 B Street
- RAMAGE, MARY ALLENE, A.B., B.A. in L.S.
In Charge of Newspaper Department 901 Fifth Street
- RICKARD, REBA COUSINS, MRS., A.B.
In Charge of Work Room 1018 Gloria Avenue
- ROSE, ETHEL ABERNETHY, MRS., A.B.
Cataloguer West Campus

* On leave, second semester, 1936-37.

*SEABOLT, RUTH, A.B. <i>Cataloguer</i>	14 Faculty Apartments, East Campus
STROUD, PEGGY ANNE, A.B. <i>Secretary to the Director</i>	901 Mangum Street
TATUM, WILLIAM GILCHRIST, JR., A.B. <i>Assistant in Periodical Department</i>	1200 College Road
THOMPSON, SARAH WRAY, A.B. <i>Secretary to Head of Acquisition Division</i>	1107 Minerva Avenue
TILLEY, NANNIE MAE, A.B., A.M. <i>Assistant in Manuscripts Department</i>	2313 Club Boulevard
WATKINS, FLORENCE BAKER, MRS. <i>In Charge of Engineering Library</i>	1010 Gloria Avenue
**WAY, HARRIET, A.B. <i>In Charge of Biology Library</i>	1011 Monmouth Avenue
WESCOTT, MARY, A.B., B.S. <i>First Assistant in Cataloguing Division</i>	1008 Monmouth Avenue
WHITE, KATHERINE ELINOR <i>In Charge of Biology Library</i>	Alspaugh House
WILKERSON, LULA HUNT, MRS. <i>Secretary to the Librarian</i>	1111 Urban Avenue
WOODALL, EVA AVERY, A.B. <i>In Charge of School of Religion Library</i>	901 Fifth Street

WOMAN'S COLLEGE LIBRARY

GRIGGS, LILLIAN BAKER, MRS., B.A. in L.S. <i>Librarian</i>	1011 Dacian Avenue
BALDWIN, GRAYSON, A.B., B.S. <i>Chief in the Order Department</i>	904 Vickers Avenue
GRANT, ETTA BEALE, A.B., B.S. <i>Assistant Librarian in Charge of Cataloguing</i>	1008 Monmouth Avenue
HARRISON, EVELYN JENNINGS, A.B., B.S. in L.S. <i>Cataloguer</i>	806 Third Street
MONTGOMERY, MARGARET ELIZABETH, A.B. <i>Chief of the Reference and Periodical Departments</i>	205 Faculty Apartments, East Campus
RIGSBEE, CLARA WARD, A.B. <i>Chief in the Circulation Department</i>	Duke University Road
SPENCE, MARY ELIZABETH, A.B. <i>Assistant Cataloguer</i>	806 Third Street
TUDOR, FRANCES, A.B. <i>Assistant in Circulation Department</i>	1107 Minerva Avenue

* On leave, 1936-37.

** Resigned Feb. 1, 1937.

LAW LIBRARY

- ROALFE, WILLIAM ROBERT, LL.B.
Librarian 1009 Lakewood Avenue
- COVINGTON, MARY SIMMONS, A.B., LL.B.
Research Librarian Faculty Apartments
- DAY, KATHERINE, B.S.
Assistant Cataloguer 1 Bickett Apartments
- LONG, MARIANNA, A.B., B.A. in L.S.
Head Cataloguer 1008 Monmouth Avenue
- WALKER, ANNIE CARPENTER, MRS.
Secretary to the Librarian 2121 West Pettigrew Street

MEDICAL SCHOOL LIBRARY

- FARRAR, JUDITH, A.B., B.L.S.
Librarian 177 Faculty Apartments, East Campus

UNIVERSITY CHAPEL

- HICKMAN, FRANKLIN SIMPSON, A.B., A.M., S.T.B., Ph.D.
Preacher to the University Buchanan Road
- RUSSELL, ELBERT, A.B., A.M., Ph.D.
Preacher to the University 811 Vickers Avenue
- BARNES, JAMES FOSTER, A.B., A.M.
Director of Choral Music 703 Watts Street
- BREES, ANTON
University Carillonneur West Campus
- BROADHEAD, EDWARD HALL, A.B., A.M.
University Organist 1001 Watts Street
- CUNINGGIM, AUGUSTUS MERRIMON, A.B., B.A. (Oxon.), A.M.
Acting Director of Religious Activities West Campus

PHYSICAL EDUCATION AND STUDENT HEALTH

- SPEED, JOSEPH ANDERSON, M.D.
Director of Student Health 913 Dacian Avenue
- WADE, WALLACE, A.B.
Director of Physical Education, Trinity College West Campus
- GROUT, JULIA REBECCA, A.B., M.S.
Director of Physical Education, Woman's College
104 Faculty Apartments, East Campus

SOCIAL AND MUSICAL ACTIVITIES

- BARNES, EVELYN, A.B.
Assistant Social Director of the Woman's College,
Head of Alspaugh House Alspaugh House

BARNES, JAMES FOSTER, MRS. <i>Director of the Woman's College Musical Clubs</i>	703 Watts Street
CHAFFIN, NORA CAMPBELL, A.B., A.M. <i>Head of Bassett House</i>	Bassett House
CHAMBERLAIN, HOPE SUMMERALL, MRS., Litt.D. <i>Head of Pegram House</i>	Pegram House
FEARING, ROBERT BEVERIDGE <i>Director of the College Orchestras and Band</i>	703 Watts Street
GRIFFIN, JANET, A.B. <i>Head of Aycock House</i>	Aycock House
KESTLER, MARY, A.B., A.M. <i>Head of Jarvis House</i>	Jarvis House
PEMBERTON, MARY NORCOTT, MRS. <i>Hostess, West Campus Union</i>	Kilgo Quadrangle, West Campus
TAYLOR, HARRIET, MRS. <i>Head of Giles House</i>	Giles House
UPCHURCH, WALTER MCGOWAN, JR., A.B., LL.B. <i>Financial Adviser, Student Activities</i>	Faculty Apartments
WILSON, MARY GRACE, A.B. <i>Social Director of the Woman's College, Head of Brown House</i>	Brown House

THE COLLEGES

GENERAL STATEMENT

Duke University offers in Trinity College and the Woman's College three academic degrees for undergraduate work: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Civil, Electrical, or Mechanical Engineering. Ten groups of studies lead to the degree of Bachelor of Arts, and two groups of studies lead to the degree of Bachelor of Science. These groups are designated by Roman numerals in the order in which they are described. For a description of these groups, see the section elsewhere in this catalogue under the topic "Groups of Studies for the Degree of Bachelor of Arts."

For a description of the groups of studies leading to the degree of Bachelor of Science, see the section elsewhere in this catalogue under the topic "Groups of Studies for the Degree of Bachelor of Science and Bachelor of Science in Civil, Electrical, or Mechanical Engineering."

TRINITY COLLEGE

Trinity College is the undergraduate college for the men of Duke University and is situated on the West Campus along with the Graduate School of Arts and Sciences, the School of Law, the School of Medicine, and the School of Religion. The Departments of Engineering are situated on the East Campus, apart from the Woman's College.

The regulations governing the undergraduate men of Trinity College are published in subsequent sections of this catalogue.

THE WOMAN'S COLLEGE OF DUKE UNIVERSITY

The Woman's College of Duke University is a college of arts and sciences within the University which provides for the instruction of undergraduate women as Trinity College provides for the instruction of undergraduate men.

The teachers of the College, many of whom teach also in Trinity College, are members of the University Faculty and are selected in co-operation with the several departments of instruction just as in the case of teachers for Trinity College, thus assuring a uniform educational standard. Graduates of the Woman's College, as graduates of all other colleges and schools within the University, receive their degrees from Duke University.

The Woman's College offers the advantages of a separate college for women with its own distinct life and at the same time, through the close association with the larger University life, preserves some of the best features of co-education. It is the aim of the College to make it possible

for a woman to take all of her work, if she so wishes, on the woman's campus. However, all courses in the University are open to qualified women students, and they may enter courses given on the West Campus which are not given on the East.

THE LIBRARIES

The Library resources of the University total 452,444 volumes and approximately 385,536 manuscripts. Fifty-five domestic and twenty foreign current newspapers, in addition to 2,400 current periodicals and journals, are received.

The General Library, in which the bulk of the collection is housed, is centrally located on the West Campus. The undergraduate reserve book-room on the main floor seats two hundred readers. In order to give students free access to the volumes placed here, the reserves are kept on open shelves. This room thus provides an undergraduate reading collection of approximately ten thousand especially selected volumes. The general reference room on the second floor contains about sixty-five hundred volumes of the most important reference works. Honors students and others undertaking special studies may be assigned carrels within the stacks to facilitate their work. Departmental libraries adjacent to the chemistry, physics, biology, and engineering laboratories are a special convenience for workers in these sciences.

The Woman's College Library contains all books for Freshman and Sophomore work, many books for more advanced study, and material for general reading. For research and for certain advanced courses the students use the University Library on the West Campus. An attractive feature of the Library is the Booklovers' Room, comfortably furnished, where on open shelves students may find the newest books in various fields. The University Art Collection is housed in the Library of the Woman's College.

ADMISSION TO COLLEGE

GENERAL REGULATIONS

Admission to Trinity College and to the Woman's College of Duke University is on a selective basis, dependent upon the ability, attainments, and character of the applicant. No student is admitted until the Council on Admissions has received for him a scholastic record from school or college, a certificate of vaccination and of good health, and satisfactory evidence of good character and ability. A personal interview with each applicant is regarded as desirable. This is of advantage not only to the Council but also to the applicant, since it enables him to acquaint himself to some extent with the University and to discuss possible courses of study.

Certain days are announced in the University Calendar each year for the registration, classification, and sectioning of students. Those students who are admitted later than the dates announced must pay to the Treasurer \$5.00 additional for the privilege of matriculation.

Since the enrollment in the undergraduate college is limited, an early application is desirable. Application blanks will be sent upon request, and they should be returned as soon as possible.

All correspondence relating to admission of men should be addressed to the Secretary of Duke University, Duke Station, Durham, North Carolina; and all correspondence relating to the admission of women should be addressed to the Committee on Admissions, College Station, Durham, North Carolina.

UNITS OF ADMISSION

The academic requirements for admission are defined in terms of units. A unit of credit is allowed for a subject of study pursued throughout an academic year at an accredited secondary school, if the course has demanded five recitations a week and the prescribed amount of work has been completed satisfactorily. Credit for fifteen units is required for admission.

The subjects in which this credit may be offered and the maximum amount of credit acceptable in each subject are given in the following table:

UNITS		UNITS	
English	4	History and Social Studies	4
Latin	4	Physics	1
Greek	3	Chemistry	1
German	3	Art	1
French	3	Music	1
Spanish	3	Economics	1
Mathematics	4	Botany	1

Zoology	1	Mechanical Drawing	2
General Biology	1	Woodworking, Forging, and	
Physical Geography	1	Machine Work	2
General Science	1	Household Economics	2
Sociology	1	Commercial Subjects	3
Agriculture	2		

For a detailed explanation of the units in the table above, see the definitions as set forth by the Southern Association of Colleges and Secondary Schools and other regional associations.

ADMISSION BY CERTIFICATE

Applicants able to submit certificates of proficiency from accredited schools in subjects accepted for admission to the Freshman Class will be admitted without examination. These certificates must be properly made out on the regular blanks furnished by the University, signed by the principal of the school from which the applicant comes, and presented before or at the opening of the academic year. The applicant must have completed the course of the school from which he comes.

At least twelve of the fifteen units required for admission must come from the following:

	UNITS		UNITS
English	3 to 4	Science	1 to 4
Mathematics	2 to 4	Foreign Language	2 to 6
History and Social Studies ..	1 to 4		

These twelve units must include three in English and two in mathematics. The units in mathematics must include algebra through quadratics and plane geometry.

The three additional units necessary to make the required fifteen may come from the list above or from the larger table of units of admission.

ADMISSION BY EXAMINATION

Students who present fifteen units for admission from schools not accredited by the University, are required to validate their units by entrance examinations and such other tests as the University may prescribe.

Students who have not the required units in English or in mathematics but who are otherwise acceptable must, before admission, clear this deficiency by examinations.

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing from other approved institutions under the following conditions: all applicants must have fulfilled the equivalent of the requirements for admission to the Freshman Class, must present official certificates of all work done in other institutions, and have honorable dismissal from the institutions they previously attended.

Applicants for advanced standing should present, so far as possible, subjects corresponding to those required at Duke University. Students admitted to advanced standing may not during their first semester elect more than the minimum number of hours required of the class which they enter except by permission of the Dean. Further, in addition to other requirements, a minimum of one full year in residence at Duke University with the satisfactory completion of at least thirty semester-hours of work approved for Seniors, with an average grade of "C," is required of all candidates for the Bachelor's degree.

Students enrolling for the Bachelor's degree who transfer from junior colleges or from four-year colleges not affiliated with the Southern Association, or a similar regional association, are under all circumstances required to continue for at least one semester in Trinity College and in the Woman's College the foreign language they present for minimum graduation requirements.

Students who have transferred from junior colleges or from four-year colleges not affiliated with the Southern Association, or a similar regional association, must present laboratory notebooks in all science courses that are offered for advanced credit.

Students who have transferred from other colleges must, in order to make their provisional classification final, pass during their first year of residence not less than the equivalent of four year-courses with an average grade of "C" or higher.

The date for the registration and classification of students with advanced standing from other institutions is announced in the University Calendar. Students who are admitted later than this date are required to pay to the Treasurer \$5.00 additional for the privilege of matriculating.

FRESHMAN WEEK

The week immediately preceding the opening of college is set aside for the induction of Freshmen. During this period health examinations, psychological tests, and placement tests are given, on the basis of which Freshmen are sectioned in English, mathematics, and foreign languages. The Freshmen are divided into groups for instruction in the use of the Library, in the regulations of the student body, and in all matters pertaining to the adjustment of the individual to the new environment. Attendance upon these exercises is required of all Freshmen.

SPECIAL STUDENTS

Students of mature age may, upon approval by the Dean, be admitted as special students and allowed to enroll for such work as they are prepared to carry.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

GENERAL REGULATIONS

The requirements for the degree of Bachelor of Arts are designed to give the students such training in certain fundamental subjects as is essential for intelligent, educated citizens. The requirements also provide the opportunity for as wide an election as possible from courses of study which are both interesting and practically helpful in connection with vocations the students plan later to pursue.

Credit for one hundred and twenty-two semester-hours, on which an average grade of "C" must be made, is required for the degree of Bachelor of Arts in all groups. In addition to these requirements all candidates for the Bachelor of Arts must complete, with an average grade of "C" or better, physical education to the equivalent of six semester-hours. In Trinity College the physical education requirement is completed by the end of the Sophomore year; in the Woman's College, by the end of the Junior year.

The Faculty has authorized the groups of studies below for the guidance of students in selecting the work required for graduation. A student is free to choose any group he may desire. The several groups are designed to be of special value in a chosen profession and at the same time to provide a well-balanced course of study. With the approval of the Dean a student may at any time transfer from one group to another. In such transfers, work done in one group and not prescribed in the other will count as general elective credit, but all work prescribed in the new group must be completed before the student can be graduated.

No student is permitted to take less than fourteen semester-hours of work without special permission from the Dean; to take more than the normal load of work (fourteen to seventeen semester-hours) unless his average grade in the preceding semester is higher than "C"; or, under any conditions, to take more than nineteen semester-hours of work, exclusive of required physical education.

On or before the date announced for the spring registration every student is required to designate the group in which he plans to graduate and to arrange his program of courses for the ensuing year. All students, when choosing courses, are urged to seek the advice of instructors in whose departments they expect to receive instruction. No course card is valid until it has the approval of the Dean.

SPECIAL REGULATIONS

The following special rules applying to the selection of courses are authorized by the Faculty:

The total amount of work that a student may take in any one department toward the Bachelor of Arts degree is limited to a maximum of

thirty-six semester-hours; with the exception that a student whose principal work is in the Departments of English, Economics, or Romance Languages may be permitted to take additional work in sub-departments not to exceed a total in the department and the sub-departments of fifty-four semester-hours.

Candidates for the degree of Bachelor of Arts whose courses of study permit may elect work from the following subjects: engineering, not to exceed eighteen semester-hours; forestry, not to exceed eighteen semester-hours. The courses elected in these departments must be those approved by the Council on Undergraduate Instruction as appropriate for the Bachelor of Arts degree and published in the *Bulletin of Undergraduate Instruction*. The classification of these courses, as they affect divisions of concentration and restricted electives, is left to the student's major adviser and to the Dean.

No Senior may take for graduation credit any course primarily open to Freshmen; and no Junior may take for graduation credit more than one course primarily open to Freshmen. A list of these courses is published in the *Bulletin* under "Courses of Instruction."

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Arts in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

MINIMUM UNIFORM REQUIREMENTS FOR ALL GROUPS

The following requirements are authorized for all groups:

	S.H.
English Composition*	6
Natural Science**	8
Economics, History, or Political Science***	6
Religion	6

In addition to the above requirements, at least the third college year of a foreign language must be completed.****

Of these minimum requirements, at least three courses, including English and foreign language, should be taken in the Freshman year, and

* This requirement is normally met by the completion of English 1 and 2 or 4. However, a Freshman who satisfies the Department of English of his superior ability in composition may substitute another English course for the normal requirement.

** A student who does not present for entrance an acceptable unit of science must take sixteen semester-hours of science for graduation.

*** A student who does not present for entrance two acceptable units of history (exclusive of other social science work) must take history as his required work; otherwise, he may fulfill this requirement in any one of the three subjects.

**** Students who begin their language requirements in college are expected to follow the sequence of courses laid down by the department whose work they take and can omit only such course or courses as may be approved both by the department and the office of the Dean. Students who are granted the privilege of completing their language requirement by taking only six semester-hours in college must first pass, with at least a grade of "C," a special examination covering the work of the second college year. In addition, they must make at least an average of "C" on the work of the third college year. If a Freshman presents for entrance four units of Latin, he may satisfy his language requirement by taking either two years of Latin or two years of Greek.

all of them, except foreign language and religion, by the end of the Sophomore year.

The courses primarily open to Freshmen and the courses that will satisfy the requirements in history, science, and religion are listed under "Courses of Instruction."

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF ARTS

GROUP I

GENERAL

This group is based on the traditional requirement for the degree of Bachelor of Arts. Students who choose it must complete the minimum uniform requirements for graduation; forty-two semester-hours in a division of concentration, exclusive of courses open primarily to Freshmen (in the Division of the Natural Sciences a maximum of eight hours of Freshman work is permitted in the forty-two hours mentioned above); twelve semester-hours of restricted electives in the other divisions; and free elective work sufficient to complete, with an average grade of "C," the one hundred and twenty-two semester-hours necessary for graduation. The departments of instruction, for purposes of concentration, are grouped in three divisions:

Humanities: English, Fine Arts, German, Greek, Latin, Music, Philosophy, Romance Languages.

Social Science and History: Economics, Political Science, Education, History, Religion, Sociology.

Mathematics, Psychology, and Natural Science: Botany, Chemistry, Geology, Mathematics, Physics, Psychology, Zoology.

The forty-two semester-hours in the division of concentration must be distributed as follows: eighteen to twenty-four semester-hours in a major department and eighteen to twenty-four semester-hours in at least two other departments of the same division with a minimum of six semester-hours in each department. The minimum number of hours required by the department for a major shall not include any course open primarily to Freshmen. Introductory courses above the Freshman level are to be counted or not at the discretion of the department concerned.

For purposes of concentration certain courses listed in the same department are considered as being in different departments; namely, courses in French, Italian, and Spanish. Likewise, courses in economics and business administration are reckoned as being in different departments. Also, a student taking his major work in English literature may count courses in English composition, dramatic technique, or public speaking as part of his related work in the same division.

The twelve semester-hours of restricted electives must be taken in one or both of the divisions not chosen for concentration, with a minimum of six semester-hours in any one department of these divisions.

Attention is called here to a special regulation governing all groups leading to the Bachelor of Arts degree which limits the amount of work a student may take in any one department to a maximum of thirty-six semester-hours, with the proviso that a student whose principal work is in the Department of English, Economics, or Romance Languages is permitted to take additional work in sub-departments not to exceed a total in the department and the sub-departments of fifty-four semester-hours.

The remaining hours necessary for graduation, after the minimum uniform requirements, the division of concentration, and the restricted electives are satisfied, are open as free electives.

On or before the date announced for the spring registration every Sophomore in the General Group should designate his division of concentration and his major department, and arrange under the guidance of an instructor in the major department his program of studies for the following year. The student is at liberty to choose for his counsellor any instructor in his major department who teaches advanced courses. He should obtain the instructor's written approval of all courses selected in the division of concentration before submitting his program to the Dean for final action. In like manner, upperclassmen will recheck their courses in their divisions of concentration each year with representatives of their major departments.

GROUP II

BUSINESS ADMINISTRATION

This group is designed for students who enter college with the purpose of engaging in some form of business activity after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Economics 11, Mathematics 3-4.

Sophomore Year: Economics 51-52, 57-58, Political Science 61-62.

Junior Year: Economics 143, 138.*

Senior Year: Economics 181-182, 203-204.

In addition to the courses specified above, a student in this group must elect twenty-one semester-hours from other courses in the Department. Six semester-hours of this elective work shall be selected from courses in the two-hundred group offered for Seniors and Graduates. With the permission of the Head of the Department students planning to take the examination to qualify as a Certified Public Accountant may be released from this requirement.

All elective work in economics must be approved in writing by some instructor offering advanced work in the Department.

* With the permission of the Department, students specializing in accounting may substitute for this course one in that subject.

GROUP III**RELIGION**

This group is designed for students who plan to enter the ministry or other religious work as a vocation after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Religion 1-2.

Sophomore Year: Religion (6 hours), Economics 51-52 or Political Science 61-62, English Literature (6 hours).

Junior Year: Religion (6 hours), Psychology 101 and either Psychology 102 or Philosophy 104.

Senior Year: Religion* (12 hours), Sociology (6 hours), Philosophy (6 hours).

GROUP IV**PRE-MEDICAL**

Students qualifying for college graduation in this group must complete, in addition to the minimum uniform requirements, forty-two semester-hours in a division of concentration (subject to the regulations of the General Group), twelve semester-hours of restricted electives in one or both of the other divisions with at least six semester-hours in one department, and certain specific requirements as noted below. These specific requirements may count as part of the divisional concentration (if the division of concentration is the Natural Sciences) or they may count as restricted electives if another division of concentration is chosen. The foreign language should be German or French, preferably the former and including German 107-108.

The normal division of concentration for students electing this group is that of the Natural Sciences. However, the student may elect any one of the other two divisions for his divisional concentration. In this case, it may be necessary for him to complete more than one hundred and twenty-two semester-hours for his degree. If, however, the student chooses the Natural Sciences for his division of concentration, he is urged to take as much elective work as possible in the Divisions of the Social Studies and the Humanities.

Completion of English 1, and 2 or 4; Chemistry 1-2, 61-70, 151-152; Physics 51-52; and Zoology 1-2 will satisfy the minimum course recommendations of the Association of American Medical Colleges. Many medical schools advise the completion of additional courses in these and in other subjects. The premedical student should ascertain the requirements of the particular medical school that he expects to attend.

* Not more than six semester-hours of electives may be taken in the Department of Religion.

The following arrangement of the specific requirements in sciences is suggested:

Freshman Year: Chemistry 1-2, Zoology 1-2, Mathematics 3-4.

Sophomore Year: Chemistry 61-70, Physics 51-52.

Junior Year: Chemistry 151-152.

GROUP V

COLLEGE TEACHING

This group is designed for students who plan to do work in a graduate school and teach in college. The required work consists of the minimum uniform requirements and the work specified below:

French and German through the second year of college work.* Since one of these languages may be taken through the third year of college work to satisfy the minimum uniform requirements, only the one not taken thus must be chosen to meet the conditions of this group.

Twenty-four semester-hours of work in the major subject, exclusive of work in the subject offered primarily for Freshmen; twelve semester-hours of work in related subjects approved by the student's Departmental Adviser; twelve semester-hours in education, philosophy, and psychology, or in any one, not including any courses in secondary or elementary school methods.

Elective work, not to be taken in the major department, sufficient to complete the one hundred and twenty-two semester-hours necessary for graduation.

At least twelve semester-hours of the work taken in the Senior year must be in courses open only to Seniors and Graduates.

GROUP VI

PUBLIC SCHOOL TEACHING

This group is designed for two classes of students: (A) those who plan to teach in secondary schools; (b) those who plan to teach in elementary schools.

The required work consists of the minimum uniform requirements and the requirements listed under one of the classes below, according as the student expects to teach in a secondary school or in an elementary school.

CLASS A: SECONDARY SCHOOL TEACHING

Students in this class are required to take:

Eighteen semester-hours in education, of which three semester-hours may be in general psychology. The work in education must include three semester-hours in directed observation and practice teaching, three semester-hours in educational psychology, and three semester-hours in secondary education.

* Greek or Latin may be substituted for either French or German.

Six semester-hours, three each, in materials and methods, in two fields of high-school teaching.

Work in the subject matter of the two subjects the student intends to teach, sufficient to satisfy the minimum requirements as listed in the table below:

English, twenty-four semester-hours, to include the six of required work in composition, six in English literature, and six in American literature.

French, eighteen semester-hours, based on the usual two units for admission.

German, Spanish, and Greek, the same requirements as for French.

History, eighteen semester-hours, including six each in American, ancient and medieval, and modern European history, and six semester-hours of economics or political science. It is recommended to prospective teachers of history and related subjects that they take elective work in sociology, geography, and at least a semester each in economics and political science.

Latin, eighteen semester-hours based on the traditional four units for admission.

Mathematics, fifteen semester-hours.

Physical Education, twelve semester-hours.

Science, thirty semester-hours, including elementary courses in biology, chemistry, physics, and geography or geology.

A student may prepare to teach only one high-school subject by taking a major of twenty-four semester-hours in that subject (physical education excepted) in addition to the general required work in Class A, the required work in education and psychology, and the specifically required work in directed observation and materials and methods in the subject chosen.

Elective work sufficient to complete the one hundred and twenty-two semester-hours for graduation. It is recommended that the elective work be chosen in the two subjects the student is preparing to teach and in the Division of Social Science, provided the total amount of work taken in any department may not exceed the total allowed in Group I.

Students who are preparing to teach are warned to read carefully the certification rules of the state in which they are going to teach and to advise fully with the Dean before electing courses in subjects they are preparing to teach. They are further warned to take their professional courses in the order outlined by the Department of Education, reserving for their Senior year courses in materials and methods and in directed observation and practice teaching.

At least twelve semester-hours of the work in the Senior year must be in courses open only to Seniors or to Seniors and Graduates.

CLASS B: ELEMENTARY SCHOOL TEACHING

Students in this class conform to the general requirements of Group I. Education is treated as a major department, and the Social Science Division as the division of concentration. In addition to the general requirements of Group I, the following specific requirements must be met:

	S.H.
English	3 or 6
American History and Government	6 or 9
Geography	6
Physical Education and Hygiene	6

These special requirements are reckoned in each case as a part of the appropriate division of concentration. The student in Class B should take Education 8 in the first semester of his Freshman year and advise with the Department as to an appropriate course for the spring semester. In all other particulars his course follows the General Group for the first year.

The following arrangement of courses is recommended for Freshmen entering the Teaching Group. The work for the following years will be arranged by the Department of Education.

FRESHMAN YEAR

	S.H.
English	6
Foreign Language	6
Science	8
History or elective*	6
Education or elective**	6
	<hr/> 32

GROUP VII

PRE-LEGAL

This group is designed for students who expect to study law after graduation. The required work consists of the minimum uniform requirements*** and the courses specified below.

The following arrangement of specified courses is recommended:

Freshman Year: Introductory Course in History (1-2 if taken in the Freshman year or 51-52 if taken thereafter).

Sophomore Year: Economics 51-52, Political Science 61-62.

Junior Year: Economics 143, History 123-124, Psychology 101, and either English 151 or 152.

Senior Year: Six semester-hours of Economics from courses approved for Seniors.

The electives should be chosen largely from the work offered by the following departments: Philosophy, Sociology, Economics, History, Psychology, and Political Science. The total work (required and elective) in any one department may not exceed thirty semester-hours.

At least twelve semester-hours of the electives in the Senior year must be Senior-Graduate courses.

* History is an alternate with economics or political science in the minimum requirements when the student presents two units of history for admission.

** Students in Class B should take Education 8 the first semester and follow it with the course approved by the Department of Education the second semester; students in Class A follow the same plan or take any of the electives authorized for the General Group.

*** When there is overlapping, the minimum uniform requirements are accepted as a part of the special requirements in this group.

GROUP VIII
SOCIAL SERVICE

This group is designed for students who purpose after graduation to pursue professional studies in order to engage in practical social welfare work, such as family welfare, child welfare, public welfare, probation and parole, and similar forms of neighborhood and community work. The required work consists of the minimum uniform requirements and the courses specified below. Zoology is recommended for the required course in science.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: History 1-2.

Sophomore Year: Economics 51-52, Sociology 91-92 or Sociology 101.

Junior Year: Philosophy (6 hours), Political Science (6 hours), Psychology 101, Sociology (6 hours).

Senior Year: Economics (6 hours), Psychology (6 hours), Sociology (6 hours).

The electives should be chosen mainly from history, economics, political science, education, sociology, philosophy, psychology, and religion.

The subjects required for the Junior and Senior years may be transposed according to the courses available in any particular year.

GROUP IX
ACADEMIC-LAW COMBINATION

Students in either of the Liberal Arts Colleges of Duke University may complete in six years a combined course whereby they will receive their academic degree and also the degree of Bachelor of Laws. This arrangement is made possible under the following recommendations of the Faculty of the Arts Colleges:

Students who have completed with not less than a "C" average at least ninety-six semester-hours of undergraduate work, including both the minimum uniform and the specific requirements, in the Pre-Legal Group of studies in Duke University may on the approval of the Dean of the undergraduate college transfer to the Law School of Duke University and become eligible for the Bachelor's degree on the satisfactory completion of the full twenty-six semester-hours of work of the first-year class in this school.

It is understood that this provision shall apply solely to eligible Duke University undergraduates, and that not less than the full first-year's work of the Law School will be acceptable for credit towards the Bachelor's degree.

GROUP X
HONORS

Purpose: Students who have revealed their desire and demonstrated their ability to do a type of intellectual work higher than that normally required for the liberal arts degree may apply to read for Honors during

their last two college years. The aim of the Honors studies is to permit qualified undergraduates to attain a knowledge, both comprehensive and intensive, of a particular field, or fields, under conditions most stimulating to individual initiative and independence.

Departmental and Divisional Honors: At present two distinct kinds of Honors work are available to qualified undergraduates: (1) departmental and (2) divisional. Several of the departments offer a Departmental Honors course, administered in each case by a Departmental Committee. It consists of tutorial and course work in the major department, combined with course work in related departments. The Divisional Honors course provides a means for the correlation of three subjects, one major and two minors, within a division of concentration (e.g., the Humanities and the Social Sciences) and is administered by a Divisional Committee. It consists of Honors readings with seminarial guidance and instruction largely or wholly independent of courses. The standard of achievement in both plans is the comprehensive examination at the end of the Senior year.

Departmental Honors: Honors courses are available to qualified students in the following departments: Botany, Chemistry, Education, French, German, Greek, History, Mathematics, Philosophy, Physics, Psychology, Religion, and Zoology.

An undergraduate wishing to qualify for Departmental Honors usually enters the General Group during the Freshman year. At the close of the Sophomore year he may apply to read for Honors in a particular department. The requirements for admission to candidacy for Honors vary in the different departments. The student should consult the special requirements set forth in the "Departmental Honors Program." The Departmental Committee determines the eligibility of the various applicants for Honors reading within the department.

Students transferring from other institutions of approved standing at the close of the Sophomore year may be admitted to candidacy for Honors. Those wishing to read for Honors who expect to transfer at the close of the Sophomore year should communicate with Dean W. K. Greene, Chairman of the College Council on Honors, not later than April 15.

The work required of students in the Departmental Honors Group consists of (1) the minimum uniform requirements; (2) forty-nine semester-hours of work in the Honors and related departments; and (3) elective work sufficient to complete the semester-hours necessary for graduation in departments other than the Honors department.

Study in a Departmental Honors course always includes work in regular open courses. In both Junior and Senior years it may, and usually does, also include work under special instruction (seminarial or tutorial) and assignments of independent reading.

All candidates who complete satisfactorily the minimum uniform requirements, a Departmental Honors course, and elective work sufficient

to earn the necessary hours for graduation will be recommended by the Departmental Committee to the Dean of the College for graduation with Honors.

For brief outlines of the various plans for Departmental Honors the student should see the section, "Departmental Honors Program," among the offerings of each department listed above. Students are also urged to consult the Honors Adviser of the department in which they are primarily interested. A list of these Advisers follows:

Botany: Miss Addoms	History: Mr. Laprade
Chemistry: Mr. Vosburgh	Mathematics: Mr. Elliott
Education: Mr. Holton	Philosophy: Mr. Widgery
French: Mr. Webb	Physics: Mr. Hatley
German: Mr. Vollmer	Psychology: Mr. Zener
Greek: Mr. Pepler	Religion: Mr. Myers
	Zoology: Mr. Gray

Divisional Honors: Honors within a division of concentration are available to qualified students in two groups of studies: (1) English literature (the major subject), fine arts, and philosophy, in the Division of the Humanities; and (2) economics (major), political science (major), and philosophy, in the Division of the Social Sciences.

A Divisional Committee, in consultation with the Chairman of the Council on Honors and with the departments concerned, determines the eligibility of the various applicants for Honors reading within each of these groups. Prospective candidates for Honors in the first group of subjects should consult Mr. Blackburn, Chairman of the Divisional Committee for the Humanities (201B, East Duke); those in the second should see Mr. de Vyver, Chairman of the Divisional Committee for the Social Sciences (404 Library). Students desiring admission to either of these groups should make application not later than April 15.

Students who expect to transfer to Duke University at the end of their Sophomore year and who wish to read for Honors in either of these groups should communicate with Dean W. K. Greene not later than April 15.

English Literature, Fine Arts, and Philosophy:

1. *Prerequisites:* Prospective candidates should have completed, if possible, the minimum uniform requirements for graduation and have satisfied the following prerequisites (or their equivalent):

A. English Literature: English 1, 2 or 4.
English 55-56 or 63-64.

B. Fine Arts: Fine Arts 1-2 or 51-52.

C. Students are recommended to elect:

(1) One of the following semester courses: Philosophy 101, 103, 104, 105, 106, 117.

(2) Either Greek 121 or Greek 122 (Greek Literature in English Translation).

Students admitted to this Honors Group are urgently recommended to have acquired a reading knowledge of French or German by the Junior year.

2. *Program of Honors Readings:* During his Junior and Senior years, the student's program will consist of eight semester units of Honors work. The distribution of these units is in the ratio of 4-2-2; that is, four Honors read-

ings in English literature, two in fine arts, and two in philosophy. The readings are scheduled as follows:

- (1) Junior Year: First semester: English and Philosophy.
Second semester: English and Fine Arts.
- (2) Senior Year: First semester: English and Fine Arts.
Second semester: English and Philosophy.

3. *Content of Readings:*

English Literature

- (1) The Elizabethan period and the first half of the seventeenth century.
- (2) English Literature from the Restoration to the death of Pope, 1744.
- (3) English Literature, 1744-1832.
- (4) English Literature, 1832-1900.

Fine Arts

- (1) English Architecture.
- (2) Medieval Art.

Philosophy

- (1) Greek Philosophy.
- (2) Esthetics.

4. *Examination:* At the end of the Senior year, candidates for Honors in these three subjects will be required to write a comprehensive examination of eight papers, each covering the material of one of the readings listed above.

Economics, Political Science, and Philosophy:

1. *Prerequisites:* Prospective candidates should have completed, if possible, the minimum requirements for graduation and have satisfied the following prerequisites (or their equivalents):

Economics 51-52.

Political Science 61-62.

2. *Program of Honors Readings:* During his Junior and Senior years, the student's program will consist of (1) seven semester units of Honors work and (2) four three-hour courses.

(a) The seven semester units of Honors work are distributed in the ratio of 3-2-2. That is, the student electing economics as his major subject will choose three readings in economics, two in political science, and two in philosophy. The student electing political science as his major will choose three in that subject, two in economics, and two in philosophy.

(b) The choice of the four three-hour courses is subject to the approval of the Divisional Committee.

The readings are scheduled as follows:

- (1) Junior Year: First semester: Economics and Political Science.
Second semester: Economics and Philosophy.
- (2) Senior Year: First semester: Political Science and Philosophy.
Second semester: Economics or Political Science.

3. *Content of Honors Readings:*

Economics

- (1) History of Economic Thought.
- (2) Social Economics.
- (3) American Economic Organization.

Political Science

- (1) Political Thought.
- (2) Comparative Government.
- (3) Government Regulation of Industry.

Philosophy

- (1) Ethics.
- (2) Social Philosophy.

4. *Thesis:* The Divisional Committee may require that a thesis in the major subject be submitted in lieu of the papers normally required in one of the Honors readings.

5. *Examinations:* At the end of the Junior year, the student will be required to write two comprehensive examination papers. At the end of the Senior year, he will be required to write four comprehensive examination papers. This written examination will be followed by an oral.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

GENERAL REGULATIONS

The general regulations governing the requirements for the degree of Bachelor of Science are the same as those for the degree of Bachelor of Arts.

SPECIAL REGULATIONS

The following special rules applying to the selection of courses are authorized by the Faculty:

The total amount of work that a student may take in any one department toward the Bachelor of Science degree is limited to a maximum of thirty-six semester-hours; provided that a student whose principal work is in a department containing several sub-departments is permitted to take additional work in sub-departments not to exceed a total in the department and the sub-departments of fifty-four semester-hours.

No Senior may take for graduation credit any course primarily open to Freshmen; and no Junior may take for graduation credit more than one course primarily open to Freshmen. A list of these courses is published in the *Bulletin* under "Courses of Instruction."

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Science in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

MINIMUM UNIFORM REQUIREMENTS FOR ALL GROUPS

The following requirements are authorized for all groups:

	S.H.
English Composition*	6
Natural Science**	16
Economics, History, or Political Science***	6
French**** (second college year)	6-12
German**** (second college year)	6-12
Mathematics	6
Religion	6

* This requirement is normally met by the completion of English 1 and 2 or 4. However, a Freshman who satisfies the Department of English of his superior ability in composition may substitute another English course for the normal requirement. If a student fails to pass English 1-2 with a grade of "C" or better, he must complete three additional semester-hours of composition.

** All candidates for the degree of Bachelor of Science must complete eight semester-hours in each of two elementary sciences.

*** A student who does not present for entrance two acceptable units of history (exclusive of other social science work) must take history as his required work; otherwise, he may fulfill this requirement in any one of the three subjects.

**** All candidates for the degree of Bachelor of Science must complete at least the second year of both college French and college German or their equivalent as determined by examination.

Of these minimum requirements, at least three courses, including English and foreign language, should be taken in the Freshman year, and all of them, except foreign language and religion, by the end of the Sophomore year.

The courses primarily open to Freshmen and the courses that will satisfy the requirements in history, science, and religion are listed under "Courses of Instruction."

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE

GROUP I

GENERAL

Students who choose this group are required to complete the minimum uniform requirements for graduation; forty-eight semester-hours in the Division of Mathematics, Psychology, and Natural Science, of which not less than twenty-four nor more than thirty-two semester-hours may be taken in a major department (the hours prescribed in the major department may not include a course primarily open to Freshmen); and free elective work sufficient to complete, with an average grade of "C," the one hundred and twenty-two semester-hours necessary for graduation.

The student's major work must be in botany, chemistry, forestry, geology, mathematics, physics, psychology, or zoology.

Attention is called here to a special regulation governing all groups leading to the Bachelor of Science degree which limits the amount of work a student may take in any one department to a maximum of thirty-six semester-hours, with the proviso that a student whose principal work is in a department containing any approved sub-departments is permitted to take additional work in sub-departments not to exceed a total in the department and the sub-departments of fifty-four semester-hours.

On or before the date announced for the spring registration every Sophomore in the General Group should designate his major department in the division and arrange under the guidance of an instructor in the major department his program of studies for the following year. The student is at liberty to choose for his counsellor any instructor in his major department who gives advanced courses. He should obtain the instructor's written approval of all courses selected in the division before submitting his program to the Dean for final action. In like manner, upperclassmen will check their courses in the division each year with representatives of their major department.

GROUP II

PRE-FORESTRY

This group of studies is designed for students who intend to pursue the study of forestry, particularly as a profession. In addition to the one hundred and twenty-two semester-hours required for graduation with

the general B.S. degree, students in this group must at the end of their Junior year take ten weeks of summer field work as outlined below. They must also present at least two units in either French or German before being admitted to candidacy within the Group and are advised, if possible, to present two units each in French and German. They must also take elementary economics as their required work in the social studies, and are therefore advised to present two high-school units in history.

Upon the satisfactory completion of this program of work, it should be possible to obtain in one additional year the Master of Forestry degree from most professional schools of forestry. Work in technical forestry leading to professional degrees is not now available in the University, although students who have had specialized training in technical forestry or in allied sciences may pursue graduate work in forestry leading to the Master of Arts and Doctor of Philosophy degrees (see *Bulletin on Forestry*).

The following arrangement of courses is recommended for students electing this group:

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Botany 1	4	Botany 2	4
Physics 1	4	Physics 2	4
English 1	3	English 2	3
Foreign Language	3	Foreign Language	3
	<hr/> 14		<hr/> 14

Sophomore Year

Chemistry 1	4	Chemistry 2	4
Mathematics 1	3	Mathematics 2	3
Geology 51	4	Botany 52	4
Engineering Drawing 1	2	Engineering Drawing 2	2
Foreign Language	3	Foreign Language	3
	<hr/> 16		<hr/> 16

Junior Year

Botany 151	4	Botany 156	4
Forestry 153	4	Forestry 52	2
Economics 51	3	Economics 52	3
Foreign Language	3	Foreign Language	3
Religion	3	Religion	3
	<hr/> 17		<hr/> 15

Summer Field Work: 10 weeks to include Civil Engineering S110 (Plane Surveying), 3 s.h.; Forestry S150 (Forest Surveying), 3 s.h.; Forestry S151 (Forest Mensuration), 4 s.h., which are required for further work in forestry.

Senior Year

Engineering 111	2	Forestry 224	4
Forestry 261	4	Forestry 258	4
Forestry 255	4	Forestry 264	4
Forestry (Elective)	4	Forestry (Elective)	4
	<hr/>		<hr/>
	14		16

All elective courses must be selected in consultation with the Forestry Staff.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GENERAL STATEMENT

The studies for the degree of Bachelor of Science in Civil, Electrical, or Mechanical Engineering are designed for students who are preparing for civil, electrical, or mechanical engineering, as a profession, and lead to the following degrees: B.S. in C.E., B.S. in E.E., and B.S. in M.E.

Each of these degrees requires one hundred and thirty-eight semester-hours of work of which one hundred and twenty-two must be completed with an average grade of "C." Six semester-hours of electives must be taken in the Departments of Economics or of Political Science. If a foreign language is elected, it must be taken two years unless a student has sufficient entrance credits to enable him to pursue a more advanced course.

Prospective students in engineering should note that immediately after the final Freshman examinations in May or June they are required to attend a three-weeks course in plane surveying given under the direction of the Summer School.

ADMISSION TO ENGINEERING COURSES

An applicant for admission to the Freshman Class in engineering must have completed at least fifteen units of preparatory work, partly in required and partly in elective subjects. A unit represents a year of work in a subject in an accredited secondary school, provided the work done in that subject is approximately one-fourth of the annual amount of work regularly required in the school.

At least nine and one-half of the fifteen units required for admission must come from the following:

Required Units

English	3 units
A Foreign Language	2 units
‡Science	1 unit
History	1 unit
*Algebra	1½ or 2 units
Plane Geometry	1 unit

Elective Units

In addition to the above required units, sufficient elective units must be offered to make a total of fifteen. It is recommended that these electives be chosen from the following list:

*Algebra (College Board "B")	½ unit
Solid Geometry	½ unit

‡ Wherever possible, physics or chemistry should be offered for this requirement.

* Examination required to validate offering.

*Trigonometry	½ unit
†German, French, Latin, Spanish, or Greek	1 to 4 units
History or Civics (not the required unit)	1 to 3 units
Physics, Chemistry, or Biology (not the required unit)	1 to 2 units

For other elective units, see the list of elective units acceptable for the A.B. degree.

Due to lack of uniformity in various states as to the subject matter covered by the various units in algebra and the consequent variation in the work done by Freshmen in advanced algebra, it has become necessary to adopt the College Entrance Examination Board's definition of these units and to require each prospective student to take a placement examination in algebra during Freshman Week. Students who validate by examination one and one-half units (algebra through quadratics, binominal theorem, and progressions) which are offered for admission or two units (algebra through quadratics, binominal theorem, progressions, simultaneous equations in three unknowns, graphs, exponents and radicals, and logarithms) will be placed in Mathematics 9-10 (5 hours a week, each semester). Those who validate by examination only one unit of the offering in algebra (i.e., to quadratics) will be placed in Mathematics 11-12 (6 hours a week, each semester). Those who do not validate by examination at least one unit of their offering in algebra will not be allowed to pursue a course in engineering. Certificates from the College Entrance Examination Board (431 W. 117th Street, New York) will be accepted in lieu of the placement examination. Prospective students may gain a general idea of the type of examination to be given here from old examinations of the College Board published by Ginn and Company, New York.

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GROUP I

CIVIL ENGINEERING

Freshman Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 2-6	3
Physical Education	—	Physical Education	—
	15		15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

* Examination required to validate offering.

† One elective unit in any of the above languages will be accepted for admission provided the language requirement has been satisfied without it. As many as four units will be accepted in any one of these languages.

Sophomore Year

Mathematics 55	4	Mathematics 100	4
Physics 57	5	Physics 58	5
Surveying 11	2	Mechanics 8	5
Highways 15	3	Elective (Restricted)	3
Elective (Restricted)	3	Physical Education	
Physical Education			
	<hr/> 17		<hr/> 17

Junior Year

Strength of Materials 107	4	Hydraulics 108	4
Curves and Earthwork 113	2	Curves and Earthwork 114	2
Structures 131	4	Structures 132	4
Highways 117	2	Materials 118	2
Engineering, Elective	3	Engineering, Elective	3
Elective	3	Elective	3
	<hr/> 18		<hr/> 18

Senior Year

Hydraulic Eng. 123	4	Hydraulic Eng. 124	4
Concrete 133	3	Concrete 134	3
Railroads 119	3	Railroads 120	2
Seminar 137	1	Astronomy 112	2
Electives	6	Seminar 138	1
		Electives	6
	<hr/> 17		<hr/> 18

GROUP II**ELECTRICAL ENGINEERING***Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 4-6	3
Physical Education		Physical Education	
	<hr/> 15		<hr/> 15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

Sophomore Year

Physics 57	5	Physics 58	5
Mathematics 55	4	Mathematics 100	4
Steam Engineering 85	2	Mechanics 8	5
Mechanism 81	2	Electrical Engineering 92	3
Electrical Engineering 91	3	Physical Education	
Physical Education			
	<hr/> 16		<hr/> 17

Junior Year

Theory of D. C. Circuits 151	3	Theory of A. C. Circuits 152	3
Electrical Circuits Laboratory 161	1	Electrical Circuits Laboratory 162	1
Strength of Materials 107	4	Electrical Measurements 104	3
Differential Equations 231	3	Hydraulics 108	4
Thermodynamics 187	3	Thermodynamics 188	3
M. E. Laboratory 199	1	M. E. Laboratory 200	1
Elective	3	Elective	3
	<hr/>		<hr/>
	18		18

Senior Year

D. C. Machinery 155	2	A. C. Machinery 258	3
D. C. Mach. Laboratory 163	1	Elec. Power Stations 158	3
A. C. Machinery 257	3	Communication 262	4
Elec. Power Transmission 159 ...	3	Seminar 166	1
Communication 261	3	Elective	6
Seminar 165	1		
Elective	6		
	<hr/>		<hr/>
	19		17

GROUP III**MECHANICAL ENGINEERING***Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Chemistry 1	4	Chemistry 1	4
English 1	3	English 2	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 4-6	3
Physical Education		Physical Education	
	<hr/>		<hr/>
	15		15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

Sophomore Year

Mathematics 55	4	Mathematics 100	4
Physics 57	5	Physics 58	5
Mechanism 81	2	Mechanics 8	5
Steam Engineering 85	2	Constructive Processes 80	1
Constructive Processes 79	1	Elective (Restricted)	3
Elective (Restricted)	3	Physical Education	
Physical Education			
	<hr/>		<hr/>
	17		18

Junior Year

Strength of Materials 107	4	Machine Design 170	3
Hydraulics 108	4	Thermodynamics 188	3
Thermodynamics 187	3	Inter. Comb. Eng. 197	3
M. E. Laboratory 189	2	M. E. Laboratory 190	2
Electrical Engineering 153	3	Electrical Engineering 154	3
Elective	3	Elective	3
	<hr/>		<hr/>
	19		17

Senior Year

Machine Design 171	3	Industrial Eng. 192	3
Power Plants 191	3	M. E. Laboratory 194	2
M. E. Laboratory 193	2	Refrigeration 196	2
Heating and Ventilation 195	2	Aeronautics 198	3
Seminar 137	1	Seminar 138	1
Electives	6	Electives	6
	<hr/>		<hr/>
	17		17

COURSES OF INSTRUCTION

Note: Courses primarily for Freshmen are numbered from 1 to 49; those primarily for Sophomores are numbered from 50 to 99; those primarily for Juniors and Seniors from 100 to 199; those primarily for Seniors and Graduates from 200 to 299. The amount of credit for each course is given in semester-hours following the description of the course.

The designation (w) or (E) indicates that the course is to be given on the West Campus or on the East Campus. The designation E means Engineering; L, Law; SR, School of Religion. When this designation precedes a course number, the course is not approved for graduate credit.

Odd-numbered courses are offered in the fall semester, and even-numbered courses are offered in the spring semester. Double numbers indicate that the course is a year course and must be continued throughout the year if credit is received.

COURSES OPEN PRIMARILY TO FRESHMEN

Botany 1-2	History 1-2
Chemistry 1-2	Latin 1-2, 3, 4, 15, 16, 41, 42
Economics 11	Mathematics 1-2, 3-4, 7, 9-10, 11-12, 16
Education 4, 8	Physics 1-2
English 1-2	Political Science 21-22
Fine Arts 1-2	Religion 1-2
French 1-2, 3-4	Spanish 1-2, 3-4
German 1-2, 3-4	Zoology 1-2

BOTANY

PROFESSORS BLOMQUIST, KORSTIAN, AND WOLF; ASSOCIATE PROFESSOR HARRAR;
ASSISTANT PROFESSORS ADDOMS AND KRAMER; MESSRS. OOSTING
AND PERRY; AND ASSISTANTS

1. General Botany.—An introduction to the structure and life-processes of seed plants. Laboratory, discussions, and field trips. Three two-hour periods.
4 s.h. (w & E) **STAFF**

2. General Botany.—A survey of the plant kingdom with emphasis on reproduction, and an introduction to identification. Three two-hour periods.
Prerequisite: Botany 1. 4 s.h. (w & E) **STAFF**

51. Growth.—Experimental studies of the processes involved in growth, and the application of this knowledge to the growth and propagation of plants. **Prerequisite: one year of botany. 4 s.h. (E)**

ASSISTANT PROFESSOR ADDOMS

52. Plant Identification.—Practice in the identification of local plants, especially flowering plants, and a study of the principles and rules underlying plant classification. Laboratory, lectures, and field trips. **Prerequisite: one year of botany. 4 s.h. (w)** PROFESSOR BLOMQUIST

55. Morphology and Anatomy of Vascular Plants.—A comparative study of representative ferns and seed plants, including vegetative and reproductive structures. **Prerequisite: one year of botany. 4 s.h. (w)** DR. OOSTING

101. Principles of Heredity.—The basic principles of inheritance and their practical significance. Special emphasis on the laws of Mendel, sex determination, relation of heredity and environment in development, and improvement of plants and animals through breeding. Lectures and demonstrations. This course does not count as a laboratory science. Three one-hour periods.
Prerequisite: one course in biology. 3 s.h. (w) DR. PERRY

103. General Bacteriology.—Prerequisite: one year of botany or zoology, or equivalent. 4 s.h. (w) first semester and (E) second semester.

PROFESSOR WOLF

104. The Structure and Identification of Lower Plants.—A study of representative examples of the more important groups of algae, fungi, mosses and liverworts, including collection, identification and classification of common forms. Prerequisite: one year of botany. 4 s.h.

PROFESSORS BLOMQUIST AND WOLF

151. Introductory Plant Physiology.—The principal physiological processes of plants, including water relations, synthesis and use of foods and growth phenomena. Prerequisite: Botany 1, 2, or equivalent; one year of chemistry recommended. 4 s.h. (w)

ASSISTANT PROFESSOR KRAMER

156. Plant Ecology.—The principal factors affecting plants and plant communities as they exist in different environments. Laboratory, lectures, and field trips. Prerequisites: Botany 1, 2 and 52, or equivalents. 4 s.h. (w)

DR. OOSTING

202. Genetics.—The principles of heredity, their cytological basis, and their bearing on other fields of biology. Laboratory work involves experimental breeding of the fruit fly and observations on the breeding of plants. Offered in alternate years. Prerequisites: one year of botany or zoology, or equivalent, and college algebra. 4 s.h. (w)

DR. PERRY

[Not offered in 1937-38]

203. Plant Cytology.—A study of the structure and organization of plant cells in relation to growth and reproduction. Prerequisite: two years of botany. 4 s.h. (w)

DR. PERRY

204. Advanced Plant Anatomy.—The structure of vegetative and reproductive organs of seed plants, including a consideration of seedling anatomy. Special reference is made to plants of economic importance. Offered in alternate years. Prerequisite: Botany 55 or equivalent. 4 s.h. (w)

ASSISTANT PROFESSOR ADDOMS

216. Botanical Microtechnique.—Studies in methods of preparing temporary and permanent microscopical slides; theory of staining; the use of the microscope, especially microscopical measurements, drawing, and photomicrography, botanical photography, and lantern slides. Prerequisite: three semesters of botany. 4 s.h. (w)

PROFESSOR BLOMQUIST

221. Structure and Classification of Fungi.—Offered in alternate years. Prerequisite: two years of botany. 4 s.h. (w)

PROFESSOR WOLF

225, 226. Special Problems.—Credits to be arranged. (w & E) STAFF

252. Advanced Plant Physiology.—The physico-chemical processes and conditions underlying the physiological processes of plants. Prerequisite: Botany 151 or equivalent; organic chemistry recommended. 4 s.h. (w)

ASSISTANT PROFESSOR KRAMER

256. Field Ecology.—An ecological survey of local vegetation, including theory and practice in the use of instruments for precise habitat studies, and analysis of community and successional relationships. Prerequisites: Botany 1, 3, and 52, or equivalent. 4 s.h. (w)

DR. OOSTING

FOREST BOTANY

153. Forest Tree Characteristics and Identification.—The characteristics, classification, and identification of the more important forest trees. Laboratory and field work with trees in winter and summer condition; development and growth of the individual tree; common occurrence of different species and their rôle in forest types. Prerequisite: one year of botany. 4 s.h. (w) ASSOCIATE PROFESSOR HARRAR

224. Forest Pathology.—Special reference to diseases of forest trees. Offered in alternate years. Prerequisites: Botany 1, 2, and Forest Botany 153, or equivalent. 4 s.h. (w) PROFESSOR WOLF

253. Dendrology.—The characteristics, identification, and taxonomy of trees and shrubs with special reference to species native to North Carolina and other important forest regions of the United States. Studies of special groups included. Prerequisite: two years of botany. 4 s.h. (w) ASSOCIATE PROFESSOR HARRAR

DEPARTMENTAL MAJOR

Prerequisites: Botany 1 and 2.

Major Requirements: Twenty-one to twenty-four hours of work including courses 52, 55, and 104. The remaining hours may be selected from any other courses in the Department for which the student is eligible, subject to the approval of the Departmental Adviser.

DEPARTMENTAL HONORS PROGRAM

I. Prerequisites: Botany 1-2. A year course in each of three other sciences acceptable to the Departmental Committee. Some of these may be taken concurrently with the Honors work.

II. Honors Work.**a. Botany.**

1. Scheduled courses. At least 5 courses (18-20 semester-hours) beyond Botany 1-2.

2. Reading Courses and Problems, chiefly in the Senior year. Nine semester-hours. In addition to scheduled courses, each Honors student will take reading courses in such fields as History of Botany and Theories of Biology; or he may take reading courses in special fields; or he may undertake a special problem; or he may carry on both reading and a problem. This work will count as nine semester-hours and will extend through a year at least. The student will report to his Adviser regularly for conference on this work. He may be asked to prepare written reports on the reading courses, and he must make such a report on his problem.

b. Philosophy—6 semester-hours.

c. Electives in botany or in other departments, subject to the approval of the Departmental Committee.

III. General Honors Examination. In the spring semester of the Senior year, each student must pass a general examination on the entire field of his Honors work. The Examining Committee consists of the Departmental Committee and such Advisers as have been concerned with his Honors work. The student must present a written report upon his problem and such written reports upon his reading as may be required, before he is permitted to take the general examination.

CHEMISTRY

PROFESSORS GROSS, VOSBURGH, AND WILSON; ASSOCIATE PROFESSOR BIGELOW;
 ASSISTANT PROFESSORS HAUSER AND SAYLOR; MISS BROWN; MESSRS.
 HILL AND HOBBS; AND ASSISTANTS

1-2. General Inorganic Chemistry.—Lectures, recitations, and laboratory work on the elementary principles of chemistry and on the occurrence, preparation, properties, and uses of the elements and their compounds. It is desirable, though not required, that students taking this course shall have taken elementary physics either in high school or in college. One lecture, two recitations, and three laboratory hours, throughout the year. **8 s.h.** (w & e)

PROFESSOR WILSON AND DR. HILL WITH PROFESSOR GROSS; ASSISTANT
 PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HOBBS; MISS
 PETTENGILL; MESSRS. BRIGHT, CLAYTON, PECK, POHL,
 STUCKEY, AND YOUNG

61. Qualitative Analysis.—A study of the reactions of electrolytes in solution as applied to the qualitative analysis of mixtures of inorganic compounds. One lecture, one recitation, and six laboratory hours. Prerequisites: Chemistry 1-2 and algebra. **4 s.h.** (w)

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR; DR. HOBBS;
 MESSRS. BATES, CLAYTON, VERMILLION, AND YOUNG

70. Quantitative Analysis.—A study of the theory and technique of inorganic gravimetric and volumetric analysis. One lecture, one recitation, and six laboratory hours. Prerequisite: Chemistry 61. Analytic geometry and college physics are desirable but not required. **4 s.h.** (w)

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR; DR. HOBBS;
 MESSRS. BATES, COOPER, VERMILLION, AND YOUNG

81. Introductory Food Chemistry.—This course is an introduction to certain types of compounds which are necessary for an adequate diet, and includes a brief study of the fundamental organic compounds which are necessary for an understanding of the elementary study of foodstuffs. Prerequisites: Chemistry 1-2 or equivalent. Two lectures and three laboratory hours. **3 s.h.** (w)

PROFESSOR WILSON AND DR. BROWN

142. Nutrition.—A study of food materials, their composition, origin and values; the demands of the human body for growth, maintenance, and activity; dietary standards and the problem of feeding a family. Prerequisite: course 81 or its equivalent. Two recitations and three laboratory hours. **3 s.h.** (w)

PROFESSOR WILSON, DR. BROWN AND MR. PECK

151-152. Organic Chemistry.—An introduction to the study of the compounds of carbon. Both the aliphatic and the aromatic series are dealt with, and the lectures are illustrated by selected laboratory experiments. Two lectures, one recitation, and three laboratory hours. Prerequisites: Chemistry 61 and 70. Course 151 is prerequisite for 152. **8 s.h.** (w)

ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSOR HAUSER;
 DR. BROWN; MESSRS. BRIGHT, CALFEE, AND RENFROW

153-154. Intermediate Chemistry Laboratory.—Special laboratory exercises of a more advanced nature than given in courses 70 and 151-152. Required of candidates for Honors in chemistry and open to others with special permission of the Department. **2 or 4 s.h.** (w)

ASSOCIATE PROFESSOR BIGELOW, ASSISTANT
 PROFESSOR SAYLOR, AND DR. BROWN

173-174. Honors Seminar.—One hour a week discussion based on assigned reading. Required of all candidates for Honors in chemistry in both Junior and Senior years. **2 s.h. (w)**

PROFESSORS VOSBURGH AND GROSS; ASSOCIATE PROFESSORS BIGELOW;
ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HILL

FOR SENIORS AND GRADUATES

215-216. Advanced Inorganic Chemistry.—A study of modern valence theory and of inorganic compounds, particularly of the less common types, illustrated by suitable laboratory preparations. Two recitations and three laboratory hours. Prerequisites: Chemistry 1-2, 61, 70, and 151-152. Chemistry 261-262, advanced physics, and ability to read German are desirable. **6 s.h.**

PROFESSOR VOSBURGH AND DR. HILL

[Not offered in 1937-38]

231. Instrumental Analysis.—A study of the use of physical measuring instruments in chemical analysis. One lecture and six laboratory hours. Prerequisite: Chemistry 70. Laboratory physics is desirable. **3 s.h.**

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

232. Advanced Quantitative Analysis.—A continuation of course 70, including quantitative organic analysis. One lecture and six laboratory hours. Prerequisites: Chemistry 70 and 151-152. **3 s.h.**

PROFESSOR VOSBURGH, ASSOCIATE PROFESSOR BIGELOW,
AND ASSISTANT PROFESSOR SAYLOR

241. Physiological Chemistry.—A study of the chemistry of human physiology. Clinical aspects of the subject are treated with reference to the need of prospective medical students. Two recitations and six laboratory hours. Prerequisites: Chemistry 70 and 151-152. Course 261-262 is desirable though not required. **4 s.h.**

PROFESSOR WILSON AND MR. PECK

242. Metabolism.—Open to students who have completed course 241 or its equivalent, and who have a reading knowledge of German. Lectures and collateral reading deal with the probable fate of foodstuffs in the body, the nitrogen balance, energy requirement, nutritive ratios, vital factors, and ductless glands. The laboratory work consists mainly of blood analysis under both normal and pathological conditions. The laboratory or lectures may be taken separately. Two lectures, credit **2 s.h.**, and 6 laboratory hours, credit **2 s.h. 4 s.h.**

PROFESSOR WILSON AND MR. PECK

253-254. Advanced Organic Chemistry.—A continuation of Chemistry 151-152, including discussion of the theories of organic chemistry. The laboratory work will include qualitative organic analysis, together with preparations of the more difficult type, requiring reference to the original literature. Two lectures and 6 laboratory hours. Prerequisites: Chemistry 151-152 or equivalent and a reading knowledge of German. **8 s.h. (w)**

ASSOCIATE PROFESSOR BIGELOW, ASSISTANT PROFESSOR
HAUSER, AND DR. BROWN

260. Colloid Chemistry.—An introductory study of the colloidal state of matter. Two recitations and three laboratory hours, for one semester. Prerequisites: Chemistry 151-152 and 261. **3 s.h. (w)**

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

[Not offered in 1937-38]

261-262. Physical and Electro Chemistry.—Fundamentals of general theoretical chemistry illustrated by selected laboratory experiments. Two recitations and three laboratory hours. Prerequisites: Chemistry 70, 151-152, college physics, and college algebra. Calculus is desirable but is not required. **6 s.h. (w)**
 PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR

271. Introduction to Research.—Lectures on the use of chemical literature, research methods, recording and publication of results, preparation of theses and other topics. One lecture. **1 s.h. (w)**

PROFESSORS GROSS AND VOSBURGH, AND ASSOCIATE PROFESSOR BIGELOW

273-274. Seminar.—Required of all graduate students in chemistry. One hour a week discussion. **2 s.h. (w)**

PROFESSORS GROSS AND VOSBURGH; ASSOCIATE PROFESSOR BIGELOW;
 ASSISTANT PROFESSORS HAUSER AND SAYLOR;
 DRS. BROWN, HILL AND HOBBS

275-276. Research.—The aim of this course is to give instruction in methods used in the investigation of original problems. It is open to Seniors who have had courses 70, 151-152, and who are taking 261-262. Nine hours a week and conferences. **3 or 6 s.h.**

PROFESSORS GROSS, VOSBURGH, AND WILSON; ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR;
 DRS. BROWN, HILL, AND HOBBS

DEPARTMENTAL MAJORS

A. For the degree of A.B.

Prerequisites: Chemistry 1-2, Mathematics 3-4 (or equivalent).

Major Requirements: Chemistry 61-70, 151-152 and 261-262. With the permission of the Department other Senior-Graduate chemistry courses giving a total of not less than 6 s.h. credit may be substituted for Chemistry 261-262.

B. For the degree of B.S.

Prerequisites: Chemistry 1-2, Mathematics 3-4 (or equivalent).

Major Requirements: Chemistry 61-70, 151-152; 261-262 and 3 to 6 s.h. of chemistry to be elected with the approval of the Department.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in chemistry the student must have completed the following courses:

Chemistry 61-70, Physics 1-2 or 51-52, Mathematics 3-4 (or equivalent), and either Mathematics 50 or Botany 1-2 or Zoology 1-2 or other courses in the Science Division satisfactory to the Department.

Candidates for Honors shall complete the following program of work:

Chemistry 151-152, 153-154, 173-174, 261-262 and 275-276; Physics (advanced) 6 s.h.; Mathematics through integral calculus; and 6 to 8 s.h. of course work in botany, geology or zoology, satisfactory to the Department, if not offered for admission to the Honors Group.

Chemistry 173-174 is a seminar for Honors students of both Junior and Senior years. The purpose is to give practice in the use of chemical literature and the oral presentation of assigned topics under the direction of a member of the Staff.

In Chemistry 275-276 an experimental research project is carried out under the direction of a member of the Staff. Selection of the problem for investigation is made by the student from a limited number of topics, with the approval of the Department. The object of the course is to acquaint the student

with research aims and methods. If possible, an investigation of limited scope will be completed. Total credit for tutorial courses is 10 s.h.

A written report must be prepared on the research undertaken in Chemistry 275-276. A general examination in chemistry will be given at the end of each year.

ECONOMICS AND BUSINESS ADMINISTRATION

PROFESSORS GLASSON, HAMILTON, HOOVER, AND VON BECKERATH; ASSOCIATE PROFESSOR SPENGLER; ASSISTANT PROFESSORS BLACK, LANDON, LEMERT, RATCHFORD, SHIELDS, SPRINGER, AND DE VYVER; MESSRS. BERRY, CARNEY, DELAPLANE, ECKARD, KEECH, SMITH, WALLACE, AND WELFLING

The Department offers instruction in general economics, business administration, and accounting. The general course in economics affords a survey of the whole field of economic thought and lays the foundation for specialized study in various branches of the subject. Advanced courses are offered in theoretical and applied economics.

A special group of studies is provided for candidates for the Bachelor of Arts degree who are definitely looking forward to a business career at the conclusion of their college course. While this group is mainly composed of liberal rather than technical studies, it gives opportunity in the Junior and Senior years for specialized study in such subjects as money and banking, public and corporation finance, investments, railroad and water transportation, economic geography, marketing, insurance, industrial management, accounting, and business statistics.

ECONOMICS

51-52. Principles of Economics.—This course must be taken by all students planning to elect further courses in economics and business administration. 6 s.h. (W & E)

PROFESSOR HOOVER; ASSOCIATE PROFESSOR SPENGLER; DRs. DELAPLANE AND SMITH; MESSRS. BERRY, CARNEY, ECKARD, WALLACE, AND WELFLING

103. Transportation.—Essential features, problems, and competitive positions of rail, highway, water, and air transportation. Special attention is devoted to valuation, rates, and regulation as applied to railway transportation. Collateral reading and the preparation of papers are required. *For Juniors and Seniors.* 3 s.h. (W) ASSISTANT PROFESSOR LANDON

138. Business Statistics.—A course in elementary statistics designed principally for students of economics and business administration. The material is also of interest to those specializing in engineering, forestry, political science, sociology, and other subjects. The course includes a study of statistical methods and the application of these methods. Very little algebra and no higher mathematics are required. *For Juniors and Seniors.* 3 s.h. (W)

ASSISTANT PROFESSOR SPRINGER AND OTHERS

[Note: The attention of students who are taking, or who propose to take, courses 143 or 158 is called to Mathematics 71, "Mathematics of Investment." This course is recommended as an elective for Sophomores or Juniors.]

Economics 143. Corporation Finance and Investments.—Principles and problems in the financial organization of corporations; the study of corporate securities, the management of capital, and the distribution of earnings; industrial combinations; insolvency and reorganization; the accumulation of capital and investment in corporate and other types of securities; speculation in securities and the work of stock exchanges. Required of Juniors in the Business Administration Group. Prerequisite: course 51-52. 3 s.h. (W)

DRs. SMITH AND DELAPLANE

168. Marketing.—The fundamental principles of marketing. The topics covered include marketing functions, organization, and methods; financing marketing activities; price principles and practices; risk and speculation; co-operative marketing; regulation; and means for improvement. Collateral reading and the preparation of papers are required. *For Juniors and Seniors.* 3 s.h. (w)
ASSISTANT PROFESSOR LONDON

169. Economics of Consumption.—Survey of consumption studies; character and formation of standards of consumption. Analysis of the modern family and the individual as consuming and resource-using units. 3 s.h. (E)
DR. SMITH

203-204. Money, Banking, and Credit.—After a preliminary study of monetary history and theory, together with an account of the development of credit instruments, there follows a more extended presentation of the theory and practice of banking. The first section of this course (*M.W.F., third period*) is limited to twenty-five graduates and Seniors of superior standing. Junior Honors students may be admitted to the second and third sections with consent of the instructor. 6 s.h. (w)

PROFESSOR GLASSON, DR. DELAPLANE,
AND MR. WELFLING

215. Economic Systems.—A study of alternative economic systems. In addition to an analysis of communism, anarchism, and the variants of socialism, the course will include a consideration of other proposed modifications of the existing economic order. 3 s.h. (w)
PROFESSOR HOOVER

216. Economic Functions of the State.—A consideration of the primary and secondary economic functions of government and of the legislation which provides for the performance of these functions, such as social legislation and the regulation of commerce and industry. 3 s.h. (w) PROFESSOR HOOVER

218. Population Problems and the Standard of Living.—A critical survey of the economic laws of returns and of pre- and post-Malthusian population theory; consideration of the relation between natural increase and the laws of economic distribution and of the effects of changes in the rate of natural increase upon various classes of industry and upon employment; examination of the factors which govern population growth and of current population trends; analysis of international economic and political problems which are founded upon population pressure; consideration of the economic and the biological aspects of differential birth-rates. 3 s.h. (w)

ASSOCIATE PROFESSOR SPENGLER

231. The Economic History of Modern Europe.—A study of the economic development of Europe since the sixteenth century, treating such topics as the guilds, mercantilism, money, banking, crises, the commercial revolution, and the industrial revolution. The rise of modern capitalism and the historical backgrounds of present economic problems will be emphasized. 3 s.h. (w)
PROFESSOR HAMILTON

232. The Economic History of the United States.—A study of the agricultural, industrial, commercial, and financial progress of the United States from colonial times to the present day. Special attention will be devoted to mass production, business cycles, great fortunes, and the relationships between government and business. 3 s.h. (w)
PROFESSOR HAMILTON

235. Public Finance.—This course deals with public expenditures, public revenues, public debts, and financial administration. Junior Honors students may be admitted with the consent of the instructor. 3 s.h. (w)
(Formerly 236.) ASSISTANT PROFESSOR RATCHFORD

236. Public Debts in the United States.—A study of the characteristics of public credit as shown by the experience of national, state, and local governments in the United States. Topics considered include: forms, methods, and purposes of borrowing; effects of the contraction and repayment of debts on governmental fiscal policies, the banking and credit system, and business activity; methods of controlling or limiting debts; refunding and adjustment procedures; defaults and repudiations. **3 s.h. (w)**

ASSISTANT PROFESSOR RATCHFORD

237-238. Statistical Methods.—A study of statistical methods appropriate for dealing with problems in business and the social sciences. In addition to developing more thoroughly the subjects considered in *Business Statistics*, the following methods will be considered: simple, multiple, partial, and curvilinear correlation; curve fitting; probability; frequency distributions; and reliability of estimates. Prerequisite: Business Statistics 138 or consent of the instructor. **6 s.h. (w)**

ASSISTANT PROFESSOR SPRINGER

239. Prices.—A theoretical study of the forces governing price behavior and an historical examination of the fluctuations, disparities, and trends of European and American prices, particularly in periods marked by acute monetary disorder or by rapid change in the stock of the precious metals. Special attention will be devoted to post-war inflation in France and Germany and to the world-wide collapse of prices after 1929. **3 s.h. (w)**

PROFESSOR HAMILTON

240. Modern Schools of Economic Thought.—A study of the historical background, logical methods, contributions, and present position of the younger German historical schools, Austrian school, neo-classicists, and institutionalists. **3 s.h. (w)**

ASSOCIATE PROFESSOR SPENGLER

245-246. Problems of Modern Industrialism.—This course first surveys technological efficiency and market organization as limiting factors in the determination by industrial management of the rational requirements of plant organization. External political and social forces are then introduced into the complex to show modern industrialism as a phase of mature capitalism. Against the background of modern capitalism, the issue and trends of public policy with respect to economic organization in America and Europe are compared and appraised. Three hours a week throughout the year. **6 s.h. (w)**

PROFESSOR VON BECKERATH

253. Labor Problems.—An examination of present-day labor problems followed by an intensive study of methods used by employers and workers in meeting those problems. Prerequisite: Economics 51-52. **3 s.h. (w)**

ASSISTANT PROFESSOR DE VYVER

256. Labor Legislation.—A study of the relations of the state to labor problems with special reference to remedial legislation, to interference in labor disputes, and to social insurance. Prerequisite: Economics 51-52; Economics 253, or with the consent of the instructor. **3 s.h. (w)**

ASSISTANT PROFESSOR DE VYVER

265. International Trade and Tariff Policies.—An analysis of the theoretical principles underlying international trade with an historical study of the foreign trade and tariff policies of the United States, France, Germany, and England from the eighteenth century to the present. **3 s.h. (w)**

ASSOCIATE PROFESSOR SPENGLER

266. International Finance.—A study of the mechanism of international payment with attention to international movements of capital, the peculiarities of an inconvertible paper money régime, maldistribution of gold, exchange control, and related problems. 3 s.h. (w) PROFESSOR HAMILTON

267. Competitive versus Monopolistic Enterprise.—(1) Competition as an economic order; (2) competition as a political order; (3) monopoly as a disturbance of (1) and of (2). (4) What can government do for the maintenance of the competitive order? (5) What can the judiciary do for the maintenance of the competitive order? (6) What can business do for the maintenance of the competitive order? (7) Limits and difficulties of a liberal solution; (8) Short discussion of different types of compromise solutions both in the governmental and the economic field. 2 s.h. (w) PROFESSOR VON BECKERATH

268. Political Aspects of the Regulation of International Trade. 2 s.h. (w)
[In 1937-38 offered in first semester.]

PROFESSOR VON BECKERATH

BUSINESS ADMINISTRATION

A. ACCOUNTANCY

57-58. Principles of Accounting.—Elementary principles of single proprietorship, partnership, and corporation accounting. Supervised laboratory periods will be assigned. Section 8 (*T.T.S. third period*) is limited to twenty-five students and is designed primarily for pre-legal, engineering, and general group students. Business Administration students should not register for this section. 6 s.h. (w)

ASSISTANT PROFESSORS BLACK, SHIELDS, SPRINGER, AND
DE VYVER; MR. KEECH

171-172. Advanced Accounting.—Advanced accounting theory and practice applied to the managerial problems of valuation and operation in corporations, consolidations, mergers, and liquidations. Open to students who have completed Accounting 57-58. 6 s.h. (w) ASSISTANT PROFESSOR SHIELDS

173-174. Auditing, Theory and Practice.—This course prepares the manager to investigate the operation of his own business, the prospective investor to determine the value of the proposition, the student to practice the public accounting profession. The first semester deals with detail and balance sheet audits and the second semester with special investigations. Problems, working papers, and reports. Students are admitted to the course by permission of the instructor. *For Seniors.* 6 s.h. (w)

ASSISTANT PROFESSOR BLACK

175-176. C. P. A. Review.—Thorough practice in classroom to prepare candidates for the Certified Public Accountant examination. The object is to train students to apply accounting principles and to work in classroom under substantially the same conditions as in the examination room. Practical accounting problems, auditing analysis, and theory of accounts. Students are admitted to the course by permission of the instructor. *For Seniors.* 6 s.h. (w)

ASSISTANT PROFESSOR BLACK

177. Income-Tax Accounting.—A study of federal and state income-tax laws; problems in the preparation of tax returns and claims for refund. *For Seniors.* 3 s.h. (w) ASSISTANT PROFESSOR SHIELDS

178. Modern Accounting Systems.—Systems and the forms for recording data of basic manufacturing industries, mercantile establishments, building and loan associations, and municipalities. Special attention will be paid to budgetary accounting. *For Seniors.* 3 s.h. (w) ASSISTANT PROFESSOR SHIELDS

275-276. Advanced Industrial Accounting and Management.—This course traces the ways and means of executive control through statistics and industrial accountancy. Emphasis is put upon the economics of overhead costs. A complete practice set of cost accounting is worked by each student during the course. Courses 57-58 and 105 are ordinarily prerequisites for this course. **6 s.h.**

ASSISTANT PROFESSOR BLACK

[Not offered in 1937-38]

B. COMMERCE AND INDUSTRY

11. Economic Geography.—A course in regional economic geography embracing the study of the world's major geographic regions, their present and potential production of food and raw materials for manufacture, and the relationships between these factors and the development of manufacturing industries, cities, and commerce. Required of Freshmen in the Business Administration Group. Either semester. **3 s.h. (w)**

ASSISTANT PROFESSOR LEMERT

105. Industrial Management.—A study of the organization and management of industry, with emphasis upon the business applications of the principles developed. Problems of interrelations of functions operating in the several fields of management, such as production control, personnel, and the forecasting of business conditions. *For Juniors.* **3 s.h. (w)**

MESSRS. BERRY AND KEECH

115. Economic Geography.—*This course is not open to students who have received credit for Econ. 11 (formerly B).* Required of all students in Teaching Group, Class B. The study of the interrelation of human activities and environmental elements. The discussion embraces location, maps and their interpretation, the major climatic regions, seasonal influences, weather, lands and their uses, soils and minerals, bodies of water, plants, animals, and the works of man as environmental factors. **3 s.h. (E)**

ASSISTANT PROFESSOR LEMERT

116. Economic Geography and Industrial Organization.—*This course is not open to students who have received credit for Econ. 11 (formerly B).* Required of all students in Teaching Group, Class B. A study of the economic resources of the world: the products of the agricultural and manufacturing industries; trade routes and trade centers; the balance of trade and its relation to industrial development; and the influence of geographic factors on the commercial policy of nations. Prerequisite: course 115. **3 s.h. (E)**

ASSISTANT PROFESSOR LEMERT

118. Economic Geography of the South Atlantic States.—A study of the agricultural, commercial, and industrial development, with special emphasis placed upon the development of manufacturing in the southern Appalachian Piedmont. This course is designed to serve not only teachers, but all others interested in the development of this region. Prerequisites: Economics 11. Economic Geography 115, or with consent of the instructor. **3 s.h. (w)**

ASSISTANT PROFESSOR LEMERT

158. Insurance.—A study of (1) the economic services, (2) the important principles and practices, and (3) the principal legal phases of life, fire, health and accident, employers' liability, title, and credit insurance, and bonding companies. *For Juniors.* **3 s.h. (w)**

MESSRS. KEECH AND BERRY

181-182. Business Law.—The fundamental principles of law as applied to common business transactions. The topics presented are: contracts, agency, bailments, sales, negotiable instruments, partnership, corporations, and bankruptcy. Required of Seniors in the Business Administration Group. **6 s.h. (w)**

ASSISTANT PROFESSOR SPRINGER

217. Business Cycles.—Description and analysis of the causes and consequences of economic rhythms and movements of various lengths (e.g., seasonal, cyclical, long-period, etc.). Analysis of methods proposed as means of curtailing such movements, or of mitigating their effects 3 s.h. (w)

ASSOCIATE PROFESSOR SPENGLER

DEPARTMENTAL MAJOR

Prerequisites: All students who desire to major in the Department are required to take as a prerequisite courses 51-52 on Principles of Economics. Ordinarily this prerequisite work should be taken in the Sophomore year.

Major Requirements: Students who major in the Department are required to take twenty-four semester-hours of work in the Department in the Junior and Senior years. At least twelve semester-hours of this work must be chosen from the Senior-Graduate courses offered by the Department. The remainder of the twenty-four hours may be chosen from courses offered by the Department for Juniors or Seniors. The selection of courses should be approved by an appointed representative of the Departmental Faculty.

HONORS WORK

The Departments of Economics, Political Science, and Philosophy form an Honors group within the Division of the Social Sciences. For the details of this program the student should consult pages 52-55.

Honors readings in economics are as follows:

History of Economic Thought: A consideration of the principal economic writers showing the development of modern economic thought. MR. WELFLING

Social Economics: The problems of social adjustment to modern economic institutions. ASSISTANT PROFESSOR DE VYVER

American Economic Organization: The development and operation of the institutions of modern American capitalism. ASSISTANT PROFESSOR DE VYVER

EDUCATION

PROFESSORS HOLTON, BROWNE, CHILDS, AND PROCTOR; ASSOCIATE PROFESSOR CARR;
ASSISTANT PROFESSOR EASLEY; MRS. SMITH; DR. PULLIAS;
MESSRS. ESKRIDGE AND WATSON; AND ASSISTANTS

Courses in the Department of Education are designed for two groups of students: (1) students with teaching experience or others who have definitely chosen teaching as their life-work, and (2) students who desire to study the school as an outstanding social institution.

Students who do not expect to teach but merely desire an understanding of the school as part of a liberal education are advised to elect such courses as 4, 8, 54, 104, and 105 for their introductory work in the Department and then to elect further work in accordance with their special interests. Students who expect to engage in the various phases of teaching should plan their courses in accordance with the general regulations for Groups V and VI as outlined in this catalogue. Students preparing for college teaching should elect courses in the history and philosophy of education and in educational psychology.

1. Orientation Course in Study and Study Habits.—A course for Freshmen whose high-school and other records indicate the need of help in working out a satisfactory method of study. The factors of study, the use of textbooks, note-taking from lectures and parallel readings, and applications of the factors of study to the daily problems of the student are among the matters considered. *Either semester.* 3 s.h. (w & e)

ASSISTANT PROFESSOR EASLEY, DR. PULLIAS, AND MR. WATSON

4. Introductory Course in History of Education.—A special section of course 54, for Sophomores and for Freshmen who have had course 8. 3 s.h. (E)
PROFESSOR HOLTON, ASSOCIATE PROFESSOR CARR, AND MR. ESKRIDGE

8. The Learning Process.—A course in elementary educational psychology, required of all Freshmen and Sophomores entering Group V. *Either semester.* 3 s.h. (W & E)

PROFESSORS BROWNELL AND CHILDS, ASSISTANT PROFESSOR EASLEY,
DR. PULLIAS, AND MESSRS. ESKRIDGE AND WATSON

54. Introductory Course in History of Education.—A study of the types of educational systems and institutions evolved in Western Europe and the United States as an introduction to current educational problems. 3 s.h. (W)
PROFESSOR HOLTON

58. The Learning Process.—A special section of course 8, intended for Juniors. *Either semester.* 3 s.h. (E) *first semester and (W) second semester.*
ASSISTANT PROFESSOR EASLEY

68. Mental Hygiene of the School Child.—A study of personality factors as related to the adjustment and success of the school child; the foundations of motivation; typical problems of maladjustment; social heredity and its educational implications; variations in intelligence. 3 s.h. (E)
ASSISTANT PROFESSOR EASLEY

83. Current Trends in American Public School Organization.—A study of current controversies and criticisms bearing on the organization and administration of the public schools, recent developments in the organization of schools, and the theories underlying these developments. 3 s.h. (E) PROFESSOR PROCTOR

101. Introduction to Teaching.—A survey of the work of the teacher based upon a general theory of the learning and teaching process. Preliminary discussion of the qualifications and training of teachers and the nature and aims of education. Development of a theory of the curriculum; discussion of the nature of subject matter as related to pupil activity; modern classroom procedure in teaching, including an introduction to educational measurements. Old number 61. 3 s.h. (E)
ASSOCIATE PROFESSOR CARR

103. School Organization and Administration for the Classroom Teacher.—*Either semester.* 3 s.h. (W) *first semester and (E) second semester.*
PROFESSOR PROCTOR

104. History of Education in the United States.—A special section of course 214, intended primarily for Juniors. 3 s.h. (E) *first semester.*
[Not offered in 1937-38] PROFESSOR HOLTON

105. Introduction to Educational Sociology.—A study of social forces, processes, and values as affecting education, and the interaction of school and community. 3 s.h. (E)
PROFESSOR CHILDS

112. Methods of Teaching and Presentation of Subject Matter in the Primary Schools.—A study of materials and methods in the primary school subjects with special reference to reading, language, number, and the social studies; introduction to the psychology of the primary school branches. A minimum of thirty laboratory periods of observation and practice-teaching. Prerequisite: course 101. *For Seniors only.* 4 s.h. (E)

ASSOCIATE PROFESSOR CARR
[Not offered in 1937-38, unless as many as eight students enroll.]

A. Public School Drawing.—This course is open only to students who are attempting to meet certification requirements for a North Carolina primary- or grammar-grade certificate and does not carry credit toward a degree. *For Juniors and Seniors. First semester. (3 points professional credit only.)* (E)

MRS. MASON

B. Industrial Art in the Public School.—This course is open only to students who are attempting to meet certification requirements for a North Carolina primary- or grammar-grade certificate and does not carry credit toward a degree. *For Juniors and Seniors. Second semester. (3 points professional credit only.)* (E)

MRS. MASON

C. Public-School Music.—This course is open only to students who are attempting to meet certification requirements for a North Carolina certificate and does not carry credit toward a degree. *For Juniors and Seniors. Second semester. (3 points professional credit only.)* (E)

[Not offered in 1937-38]

MRS. TWADDELL

115-116. Secondary Education: Principles and Practice.—The study of the nature, scope, and methods of secondary education, emphasizing fundamentals of the teaching process and exemplifying theory by practice. Sixty hours of observation work and thirty hours of supervised practice-teaching required. The course includes courses 106 and 116 as offered prior to 1935 and is not open for enrollment to students who have had either of those courses. Students preparing to teach in junior high schools are permitted to concentrate in the junior high school field. *Students must arrange their schedule to permit four hours of observation, conference, and practice teaching weekly. Since practice teaching facilities are limited, students with superior record will be given preference in the practice teaching. No student who has not passed the work of the Junior year at Duke University with an average of at least one and one-half quality-points will be permitted to do practice work. Students who have the required average in quality-points must before February 1 pass with grade of "B" or better, examination in the subject they expect to teach, based upon course of study of the school in which they expect to do their practice teaching. Before entrance into practice-teaching students must complete thirty hours of observation under supervision. Their first five hours of practice must be satisfactory to the instructor directing observation and to the teacher of the class taught before they can continue the thirty hours of practice teaching required by the course. For Seniors only. 6 or 8 s.h. Section one (for teachers of English and foreign language). (E) Section two (for teachers of other subjects). (w)*

PROFESSOR CHILDS AND STAFF

118. Educational Implications of Genetic Psychology.—A course tracing the development of the individual through the stages of growth and learning, with emphasis upon early and later childhood; the development of such behavior patterns as play, language, etc.; the process of socialization; and similar material of especial significance to teachers in the elementary schools. *First semester. 3 s.h. (w)*

PROFESSOR BROWNELL

122. Methods of Teaching and Presentation of Subject Matter in the Grammar Grades.—A study of materials and methods in the grammar grade subjects with special reference to reading, language, number, and the social studies; introduction to the psychology of the grammar grade branches. A minimum of thirty laboratory periods of observation and practice teaching. Prerequisite: course 101. *For seniors only. 4 s.h. (E)*

ASSOCIATE PROFESSOR CARR

131. Observation and Practice-Teaching.—Open to Seniors who are enrolled in course 101. Separate work for primary and grammar grade teachers. *1 s.h. (E)*

ASSOCIATE PROFESSOR CARR

136. The Teaching of High-School English.—Identical with English 142. *For Seniors only.* 3 s.h. (w) ASSISTANT PROFESSOR A. C. JORDAN

142. Children's Literature.—Students enrolled will be allowed to specialize in literature of either the primary or grammar grades. *First semester.* 3 s.h. (E) ASSOCIATE PROFESSOR CARR

155. The Teaching of Secondary School Latin.—Identical with Latin 109. *For Seniors only.* 3 s.h. (w)

170. The Social and Economic Position of Women.—A course in vocational guidance for women counting as a general elective, but not as part of either a major or minor in Education or towards a North Carolina State teacher's certificate. The purpose of the course is to give the historical background to the changing social and economic position of women, the contributions made by outstanding women, and the vocational opportunities open to women. 2 s.h. (E) MRS. SMITH

176. Materials and Methods in High-School Science.—Discussion, based upon lectures and collateral reading, of such topics as aims, tests for values, the curriculum, classroom procedure, course and lesson planning in secondary school science. Prerequisite: at least eighteen hours of science in college. *For Seniors only.* 3 s.h. (w) PROFESSOR CHILDS
[Not offered in 1937-38]

200. Introduction to the Philosophy of Education.—3 s.h. (w) PROFESSOR HOLTON
[Not offered in 1937-38]

205. Curriculum Problems in Secondary Education.—A consideration of the aims and objectives of secondary school subjects, emphasizing practical problems of curriculum-making in the high school. 3 s.h. (w) PROFESSOR CHILDS
[Not offered in 1937-38]

206. Sociological Foundations of the Secondary School Subjects.—A consideration of the aims and objectives of secondary school subjects, emphasizing problems of curriculum-making. Prerequisite: general sociology or approved work in education, including course 105. 3 s.h. (w) PROFESSOR CHILDS

207. Technique of Teaching.—An advanced course in the teaching process, dealing with the theory underlying sound technique and applied specifically to the work of the elementary school. 3 s.h. (E) ASSOCIATE PROFESSOR CARR
[Not offered in 1937-38]

208. Mental Tests and Applications.—A study of the development of intelligence testing, the concept of general intelligence, various recent applications of mental tests, and training in the giving of individual tests. Prerequisite: course 258 or six semester-hours of other work in educational psychology or psychology. 3 s.h. (E) ASSISTANT PROFESSOR EASLEY

209. Statistical Methods Applied to Education.—A study of statistical methods of treating educational and social data designed to enable teacher or administrator to interpret and use the results of scientific investigations in education. 3 s.h. (w) ASSISTANT PROFESSOR EASLEY
[Not offered in 1937-38]

212. Psychology of the Elementary School Subjects.—A study of the psychology of learning as applied to teaching the common-school subjects. 3 s.h. (w) ASSOCIATE PROFESSOR CARR

214. History of Education in the United States.—A study of the development of the American public school and the interaction of higher education and the public school. 3 s.h.

PROFESSOR HOLTON

[Not offered in 1937-38]

216. Psychological Principles of Secondary Education.—A study of adolescence and the psychology of learning as applied to teaching the principal high-school subjects. 3 s.h. (w)

PROFESSOR CHILDS

[Not offered in 1937-38]

217. Advanced Educational Psychology.—A systematic survey of the field of educational psychology, required of all majors in that field. 3 s.h. (E)

ASSISTANT PROFESSOR EASLEY

218. Educational Implications of Genetic Psychology.—Special section of course 118, intended primarily for graduate students, ordinarily not offered the same year in which 118 is given. Prerequisite: six semester-hours of psychology or educational psychology. 3 s.h. (E)

PROFESSOR BROWNELL

[Not offered in 1937-38]

219. Experimental Education.—This course is designed to provide training (1) in planning, (2) in prosecuting, and (3) in reporting quantitative investigations in the field of education, more especially in the field of learning and teaching the various school subjects. 3 s.h. (E)

PROFESSOR BROWNELL

222. The Curriculum and Materials of the Elementary Grades.—A study of curriculum problems in the elementary school. *First semester.* 3 s.h. (w)

ASSOCIATE PROFESSOR CARR

225. The Teaching of History and Civics.—Identical with History 211. The course counts as an elective in the Department of Education only when approved by the Department and the instructor. 3 s.h. (w)

ASSISTANT PROFESSOR MANCHESTER

227. The Psychology of Learning: Problems.—The major problems related to the learning process will be examined, with the experimental literature bearing on them. The curves of learning and forgetting, the distribution of practice, economical methods of learning, and the transfer of training will be the major topics considered. 3 s.h. (w)

ASSISTANT PROFESSOR EASLEY

228. The Psychology of Learning: Theoretical and Experimental.—This is a continuation of course 227. In this semester the laws of learning, the most important explanatory principles, and the major systems of the psychology of learning will be considered. Class experiments will run throughout the semester. Prerequisite: course 227 or its equivalent. 3 s.h.

ASSISTANT PROFESSOR EASLEY

232. Elementary School Supervision.—A survey of supervision as a means of improving instruction and adapting the curriculum to child and community needs. 3 s.h. (E)

ASSOCIATE PROFESSOR CARR

[Not offered in 1937-38]

233. Administrative Pupil-Accounting.—An advanced study of gradation and classification of pupils, with incidental attention to the keeping of records and the making of reports. The study includes a consideration of individual differences, promotions, acceleration, and retardation of pupils; the various plans for classification and gradation; interpreting the results of tests; and some practice in the computation of statistical measures. 3 s.h. (w)

PROFESSOR PROCTOR

234. Secondary School Organization and Administration.—A study of the outstanding problems of secondary school organization and administration other than the problem of gradation and classification of pupils. 3 s.h. (w)
PROFESSOR PROCTOR

237. Investigations in Reading.—A summary of the results of the more important scientific studies in reading; interpretation of the results in terms of aims, methods, materials of instruction, testing diagnosis, and supervision; emphasis on problems requiring further investigation. *Second semester.* 3 s.h. (E)
ASSOCIATE PROFESSOR CARR

244. Studies in the Historical Development of Public School Administration.—An advanced course devoted to the development of public school administration in the South, with especial reference to North Carolina as a type. 3 s.h.
PROFESSOR HOLTON
[Not offered in 1937-38]

246. The Teaching of Mathematics.—Identical with Mathematics 204. The course counts as an elective in the Department of Education only when approved by the Department and the instructor. 3 s.h. (w) PROFESSOR RANKIN

247. Investigations in Arithmetic.—An analytical survey of investigations in arithmetic, with three purposes in view: (1) to examine the techniques employed with respect to their adequacy as means of solving the problems attacked; (2) to test the validity of the results announced and the values of these results for the teaching of arithmetic; (3) to locate further problems in arithmetic in need of scientific research. *Second semester.* 3 s.h. (w)
PROFESSOR BROWNELL

253. Legal Phases of School Administration.—A study of judicial decisions and the development of outstanding features of statute law controlling school administration, with special emphasis upon North Carolina materials. 3 s.h.
PROFESSOR HOLTON
[Not offered in 1937-38]

254. History of Secondary Education in the United States.—A study of historical and comparative conceptions of the secondary school, changes in American life affecting the secondary school, present status of the secondary school, current tendencies toward expansion, and the problem of state and federal aid. *First semester.* 3 s.h. (w)
PROFESSOR PROCTOR

258. Educational Measurements.—A critical study of the principles and techniques involved in measurement in education, with opportunity for individual research. Prerequisite: twelve semester-hours in the Department, including a course in educational psychology. 3 s.h. (E) PROFESSOR BROWNELL

264. Recent Movements in American Education.—An intensive study of educational thought and practice since 1900. 3 s.h. (w) PROFESSOR HOLTON

266. The Teaching of High-School French.—Identical with French 218. 3 s.h. (w)
PROFESSOR WEBB

294. Comparative Education: Recent Movements in European Educational Systems.—A comparative study of the school systems of the principal countries of Europe, with emphasis upon changes since the World War. *First semester.* 3 s.h. (w)
ASSOCIATE PROFESSOR CARR

DEPARTMENTAL MAJOR

A major in the Department of Education consists of twenty-four semester-hours of work above the Freshman year, not including any work listed as primarily for Freshmen, and including at least six semester-hours of courses limited to Seniors or to Seniors and Graduates. Students, however, who obtain credit for courses 4 and 8 will be permitted to complete a major by taking twenty hours of additional work in the Department, provided twelve hours are courses limited to Seniors or to Seniors and Graduates. Before graduation, majors in the Department must have credit for at least one course in educational psychology, such as 8, 58, or 68, and one course in history and philosophy of education, or in educational sociology. The remainder of their work may be elected from courses listed for Sophomores, Juniors, and Seniors, provided at least six semester-hours of the course work are taken from courses listed for Seniors and Graduates, and provided that not more than six semester-hours may be of courses numbered below 100.

DEPARTMENTAL HONORS PROGRAM

I. *Prerequisites*: Completion of the Sophomore year in Group I, V, or VI of the "Groups of Studies for the Degree of Bachelor of Arts" with average of one and one-half quality-points per semester-hour, and an average of "B" or better in some one department in which the student has been enrolled within his first two years.

II. (a) Completion of the regular departmental major in the Department of Education as defined above (see Departmental Major). (b) Completion of fifteen semester-hours of work listed for Juniors and Seniors in not more than two departments approved by the Honors Adviser as related work. (c) Completion in the Junior year of three semester-hours of reading in the works of educational theorists, and study of current developments of their theories. This work will include selected reading in the history and theory of education under the direction of the Honors Adviser and should give the student an historical perspective of the development of educational theory and the origin of conflicting educational philosophies of the present. At the end of the Junior year the student will have written examination upon the Honors reading. (d) Completion in the Senior year of six semester-hours of reading in some field of education under the direction of the Honors Adviser. The fields from which the student may choose, subject to the approval of the Departmental Committee, are the following: Elementary Education, Experimental Education and Educational Psychology, History and Philosophy of Education, Public School Administration, Secondary Education, and Educational Sociology. This work will include the preparation of an essay showing an accurate and broad knowledge of what has been done and is in process of being done in the chosen field. (It is probable that reading courses will not be offered in all fields every year. Every candidate for Honors, therefore, should at the close of his Junior year confer with the Departmental Committee and make known his wishes as to which reading courses will be organized and offered in his Senior year.)

At the close of the Senior year the candidate will be given a general examination by the Departmental Committee and such other persons as it may designate, including the member in charge of the field in which the candidate is reading. This examination will cover the work the candidate has done in his Honors work and the related work of his Junior and Senior years.

CIVIL AND MECHANICAL ENGINEERING

(ASBURY, BIVINS, AND BRANSON BUILDINGS)

PROFESSORS BIRD, HALL, AND WILBUR; MESSRS. CHAPMAN, LEWIS, MATHEWS,
AND REED**DRAWING**

1. **Engineering Drawing.**—Orthographic projection, lettering, pictorial representation, developments, intersections, use of universal drafting machine. Six laboratory hours. 2 s.h. (E) MESSRS. CHAPMAN AND LEWIS

2. **Engineering Drawing.**—For students in civil engineering and forestry. Methods of plotting, topographic symbols, simple structures in wood and steel. Six laboratory hours. Prerequisite: course 1. 2 s.h. (E) MESSRS. CHAPMAN AND LEWIS

4. **Engineering Drawing.**—For students in electrical and mechanical engineering. Elementary machine drawing. Six laboratory hours. Prerequisite: course 1. 2 s.h. (E) MESSRS. CHAPMAN AND LEWIS

5-6. **Descriptive Geometry.**—Problems relating to point, line, plane, and solid. Concurrent with courses 1 and 2-4. No credit given unless taken for two semesters. One recitation, three laboratory hours. 2 s.h. (E) MR. LEWIS

MECHANICS

8. **Mechanics.**—Concurrent forces, parallel forces, non-concurrent and non-parallel forces, centroids, friction, moment of inertia, translation, rotation, work, energy, and momentum. Prerequisites: course 1 and Mathematics 55. 5 s.h. (E) PROFESSOR BIRD, MR. LEWIS, AND MR. CHAPMAN

107. **Strength of Materials.**—Elastic bodies under stress; flexure of simple, overhanging, fixed, and continuous beams; columns; combined stresses; etc. Three recitations, three laboratory hours. Prerequisite: course 8. 4 s.h. (E) PROFESSOR BIRD AND MR. LEWIS

108. **Hydraulics.**—Hydrostatics; flow of water through orifices, weirs, pipes, and open channels; general principles of water wheels and turbines. Prerequisite: course 8. 4 s.h. (E) Either semester.

PROFESSORS HALL AND WILBUR; MR. LEWIS

CIVIL ENGINEERING

10. **Plane Surveying.**—Use of instruments; transit, stadia, compass and plane table surveying; simple triangulation; determination of meridian by observation on Polaris; differential and profile leveling; setting grade stakes; calculation of bearings, latitudes, and departures; areas by planimeter; methods of plotting; survey and plot of sections of the campus by stadia, and transit and tape. Eight hours a day, three weeks, Summer School. Prerequisite: course 1. Trigonometry. 3 s.h. (E)

For fee of this course, see the *Bulletin of the Summer Schools.*

PROFESSORS BIRD AND HALL; MR. LEWIS

11. **Higher Surveying.**—Care and adjustment of instruments; topographical surveying; surveys and resurveys; laying out and division of land; Public land system; further calculations, omitted measurements, areas by double longitude; quantities from profiles and cross sections. Six laboratory hours. Prerequisite: course 10. 2 s.h. (E) PROFESSOR BIRD

110. Plane Surveying.—Similar to course 10 but especially arranged for students in forestry. Eight hours a day, three weeks, Summer School. Prerequisites: Engineering Drawing and Trigonometry. 3 s.h.

PROFESSORS BIRD AND HALL; MR. LEWIS

111. Higher Surveying.—For students in forestry. In addition to the ground covered in course 11, the field work includes a more thorough drill in the use of the Beaman stadia arc and the topographic abney level and trailer tape while more attention is given to the preparation of finished maps in the office work. Prerequisite: course 10 or 110. 2 s.h.

PROFESSOR BIRD

112. Field Astronomy.—Determination of latitude, time, and azimuth by observation on sun and stars; use of precise transit, solar attachment, and sextant. One recitation, three laboratory hours. Prerequisite: course 11. 2 s.h. (E)

PROFESSOR HALL

113-114. Curves and Earthwork.—Highways.—Thorough drill in the calculation and laying out of simple, compound, and easement curves, widening of curves, vertical curves, setting slope stakes, ordinary earthwork computations, and mass diagrams. One recitation, three laboratory hours. Prerequisite: course 10. 4 s.h. (E)

PROFESSOR HALL

15. Highway Engineering.—Location, construction, and maintenance of roads and pavements; dust prevention; road economics. 3 s.h. (E)

PROFESSOR HALL

117. Highway Engineering.—Standard tests of stone, gravel, and bituminous materials. One recitation, three laboratory hours. Prerequisite: course 15. 2 s.h. (E)

PROFESSOR HALL

118. Materials of Engineering.—Study and testing of materials other than those taken up in course 117. Two recitations, three laboratory hours. 2 or 3 s.h. (E)

PROFESSOR BIRD AND MR. LEWIS

119-120. Railroad Engineering.—Differences between highway and railway practice affecting curves and earthwork. A. R. E. A. transition curve, frogs, switches, and crossings. Preliminary and location survey of a railway of sufficient length to secure familiarity with methods of actual practice. Paper location made with estimate of cost. Construction and maintenance of track and trackwork, economics, and operating conditions affecting location. Four recitations, three laboratory hours. Prerequisite: course 113-114. 5 s.h. (E)

PROFESSOR BIRD AND MR. LEWIS

123-124. Hydraulic Engineering.—

(a) Hydrology—Factors affecting precipitation, evaporation from land and water surfaces; relation of precipitation to run-off; estimating run-off; floods and flood flows. Stream gauging.

(b) Public Water Supply—Quantity and quality of water required, hydraulics of wells, reservoirs, works for purification and distribution of water. Standard laboratory tests for the chemical and bacteriological examination of water.

(c) Sewerage—Sewerage systems, rainfall and storm water flow, sizes of storm and sanitary sewers, sewage disposal. Standard laboratory tests of sewage. Three recitations, three laboratory hours. Prerequisite: course 108. 8 s.h. (E)

PROFESSOR HALL

131. Steel Structures—Stresses.—Roofs, parallel chord bridges under all types of loads, inclined top chord bridges, including subdivided panels, wind bracing. Three recitations, three laboratory hours. Prerequisite: course 8. 4 s.h. (E)

PROFESSOR BIRD AND MR. LEWIS

132. Steel Structures—Design.—Built beams, plate girders, tension members, compression members, tension and compression members, end posts, stringers, floor beams, pins, plates, etc. Drafting. Three recitations, three laboratory hours. Prerequisites: courses 107 and 131. **4 s.h. (E)**

PROFESSOR BIRD

133. Reinforced Concrete.—Theory and design of reinforced concrete beams, slabs, columns. Prerequisite: course 107. **3 s.h. (E)**

PROFESSOR BIRD

134. Masonry Structures.—Ordinary foundations, dams, retaining walls, arches, piers, abutments. Prerequisites: courses 107 and 133. **3 s.h. (E)**

PROFESSOR BIRD

137-138. Seminar.—Students are required to make reports and to talk on current engineering literature or on such other topics as may be assigned. **2 s.h. (E)**

PROFESSORS BIRD, HALL, AND WILBUR

142. Engineering Geology.—An elementary course particularly arranged for civil engineering students. **3 s.h. (E)**

E.240. Indeterminate Structures.—Introductory course dealing with the application of theory of least work, deflection, and rotation to indeterminate stresses. Problems are solved analytically, graphically, and by deformeter. One recitation, six-nine laboratory hours. Prerequisites: course 131 and ability to read French or German. **3 s.h. (E)**

PROFESSOR BIRD

143-144. Projects in Civil-Mechanical Engineering.—This course may be assigned by the Head of the Department to certain Seniors who have shown an aptitude for research in one distinct field of civil or mechanical engineering, in which case it may be substituted for certain general civil or mechanical engineering courses. **3-6 s.h. (E)** Either or both semesters.

PROFESSORS BIRD, HALL, AND WILBUR

MECHANICAL ENGINEERING

79-80. Constructive Processes.—Recitation course covering general processes in foundry, forge, and machine shop. Trips to neighboring shops are made. Prerequisite: course 4. Open only to mechanical engineering students. **2 s.h. (E)**

PROFESSOR WILBUR AND MR. CHAPMAN

81. Mechanism.—Displacement, velocity, and acceleration diagrams. Particular attention is given to gearing, cams, trains of mechanisms, belts, and link work. One recitation, three laboratory hours. Prerequisite: course 4. **2 s.h. (E)**

MR. REED

85. Steam Engineering.—Elementary principles of boilers, engines, turbines, and auxiliaries; properties of steam, fuels, and combustion. **2 s.h. (E)**

PROFESSOR WILBUR AND MR. CHAPMAN

170-171 (old 183-184). Machine Design.—Friction, lubrication, bearings, shafts, springs, pressure vessels, fastenings, gears, belting, friction clutches, and fly-wheels. Application of the above to proportioning parts of several complete machines. Two recitations, three laboratory hours. Prerequisites: courses 8, 81, and 107. **6 s.h. (E)**

MR. REED

187-188. Engineering Thermodynamics.—Properties and thermodynamics processes of gases and vapors; cycles; efficiencies and performances of heat engines. Prerequisites: course 85 and Mathematics 100. **6 s.h. (E)**

PROFESSOR WILBUR AND MR. REED

189-190. Junior Mechanical Engineering Laboratory.—Open only to mechanical engineering students. Use of steam and fuel calorimeters; gas analysis; oil testing; measurement of steam and air flow; tests on steam, oil, and internal combustion engines and boilers. Six laboratory hours. (Concurrent with 187-188.) **4 s.h. (E)** MR. CHAPMAN

199-200. Junior Mechanical Engineering Laboratory.—Open only to civil and electrical engineering students who have elected courses 187-188. Use of steam and fuel calorimeters; gas analysis; measurement of steam and air flow; tests on steam engines and turbines, boilers and internal combustion engines. Three laboratory hours. **2 s.h. (E)** MR. REED

191. Power Plant Calculations.—Factors which determine the location and type of power plant including heat balance and economics, boilers, feed water treatment, prime movers, condensers, auxiliaries, and accessories. Prerequisites: Mathematics 100 and courses 188 and 189. **3 s.h. (E)**

PROFESSOR WILBUR

192. Industrial Engineering.—Economic and engineering factors in the development of power plants and other modern industrial organizations with the study of manufacturing methods. *For Seniors only.* **3 s.h.**

PROFESSOR WILBUR

193-194. Senior Mechanical Engineering Laboratory.—Economy and efficiency tests of steam engines, turbines, boilers, power plant auxiliaries, fans, internal combustion engines, and heating and refrigerating systems according to the A. S. M. E. Power Test Codes. Heat balance and heat transfer tests. Six laboratory hours. Prerequisite: course 191 concurrently. **4 s.h. (E)**

PROFESSOR WILBUR

195. Heating and Ventilating.—Heat losses from building; design of hot air, hot water, and steam heating systems; humidifying, air conditioning, and ventilation in homes, offices, and factory buildings. **2 s.h. (E)** MR. REED

196. Refrigeration.—Heat transfer and heat insulation; cooling and refrigerating systems applied to ice manufacturing and cold storage; dry ice and other refrigerants considered. Prerequisites: courses 188 and 190 or 200. **2 s.h. (E)** MR. REED

197. Internal Combustion Engines.—Otto and Diesel engine cycles as applied to the usual types of internal combustion engines using gaseous or liquid fuels. Analytical and graphical methods applied to fluctuations of energy, balancing of rotating parts, and regulation by governors. Prerequisites: course 187. **3 s.h. (E)**

PROFESSOR WILBUR

198. Aeronautics.—Airfoils, parasite resistance, propellers, the complete airplane, stability, performance, dynamic loads, and equipment. Prerequisite: course 171. **3 s.h. (E)** MR. CHAPMAN

ELECTRICAL ENGINEERING

(ASBURY BUILDING)

PROFESSOR SEELEY; MESSRS. MEIER AND RANSON

91-92. Survey of Electrical Engineering.—A general survey course covering the entire field of electrical engineering, intended to give the electrical engineering student a general preview of the subject as a whole. Required of Sophomores. Prerequisites: Freshman mathematics and concurrent physics. **6 s.h. (E)** MR. MEIER

151. Theory of Direct Current Circuits.—A course consisting of lectures and recitations covering the fundamental theory of direct current circuits. Two-hour class, two-hour computation. Prerequisites: course 91-92, Physics 57-58, Mathematics 55, 100. Mathematics 131 should be taken concurrently. **3 s.h. (E)**

PROFESSOR SEELEY AND MR. RANSON

152. Theory of Alternating Current Circuits.—This course covers the algebra of vectors and complex quantities, non-sinusoidal waves, polyphase circuits, harmonics, and unbalanced three-phase circuits. Two-hour class, two-hour computation. Prerequisites: course 151, Mathematics 131. **3 s.h. (E)**

PROFESSOR SEELEY AND MR. MEIER

153-154. Principles of Electrical Engineering.—An elementary course consisting of lectures, recitations, and laboratory covering the principles of direct and alternating current machinery, and their applications, designed especially for students in civil and mechanical engineering. This course includes one three-hour period in the electrical machinery laboratory per week. Prerequisite: Physics 57-58. **6 s.h. (E)**

MR. RANSON

155. Direct Current Machinery.—A study of the principles which underlie the design and operation of all types of direct current machinery. Prerequisites: courses 151, 161-162. **2 s.h. (E)**

MR. MEIER

156. Electric Transportation.—Construction, operation, and uses of electric equipment in air, land, and sea transportation. Elective. Prerequisites: courses 151, 152, 161-162, or 153-154. **3 s.h. (E)**

MR. RANSON

158. Electric-Power Stations.—A course of lectures and recitations pertaining to the design, construction, and operation of electric power stations, both steam and hydraulic. Consideration of prime movers; generating machinery; switchboards; instruments, relays, and protective devices; operation and management; visits to neighboring plants. Prerequisites: courses 151, 152, and 187-188. **3 s.h. (E)**

MR. RANSON

159. Electric-Power Transmission.—A course of lectures and recitations on the factors involved in the transmission of electrical energy over long distances and the use of hyperbolic functions in the solution of transmission line problems. Two-hour class, two-hour computation. Concurrent with course 257. Prerequisites: courses 151, 152. **3 s.h. (E)**

PROFESSOR SEELEY

161-162. Electrical Circuits Laboratory.—This course provides experimental verification of the theory developed in courses 151 and 152, and should be taken concurrently. Three hours per week. **2 s.h. (E)**

PROFESSOR SEELEY

163. Direct Current Machinery Laboratory.—A study of the technique of testing direct current machines and a thorough analysis of their performance. Concurrent with course 155. **1 s.h. (E)**

MR. MEIER

165-166. Electrical Engineering Seminar.—Seniors are required to present reports and dissertations on material appearing in current engineering literature. Juniors may participate, but without credit. Scheduled at night. **2 s.h. (E)**

STAFF

257-258. Alternating Current Machinery.—This course covers the theory underlying the design, construction, and operation of synchronous generators and motors, transformers, converters, single-phase and polyphase motors of all types. Two-hour class, three-hour laboratory. Prerequisites: courses 152, 155. **6 s.h. (E)**

MR. MEIER

261. Communication Engineering, Audio Frequency.—An advanced course on the principles underlying voice-frequency communication covering nature of speech and sound, wave propagation over metallic circuits, filters; resistance, inductance, capacitance at audio frequencies; transmission characteristics of communication equipment. Two-hour class, three-hour laboratory. Prerequisites: courses 151, 152, Mathematics 131. **3 s.h. (E)**

PROFESSOR SEELEY AND MR. RANSON

262. Communication Engineering, Radio Frequency.—An advanced course on the principles underlying radio communication, covering vacuum tubes, vacuum-tube circuits, oscillating and coupled circuits, antennae, radiation, transmission and reception. Three-hour class, three-hour laboratory. Prerequisite: course 261. **4 s.h. (E)**

PROFESSOR SEELEY AND MR. RANSON

263-264. Mathematical Analysis of Electrical Circuits.—An advanced course on the detailed mathematical analysis of certain circuits used in electrical engineering, with an introduction to the use of operational calculus as applied to electrical circuits. Elective. Prerequisites: courses 151, 152 and Mathematics 131. **6 s.h. (E)**

PROFESSOR SEELEY

E.265-266. Projects in Electrical Engineering.—Project work may be undertaken only by those who show special aptitude, or who have had previous experience on some problem. The consent of the Head of the Department must be obtained before registering. Seniors only. Elective credit. **6 s.h. (E)**

PROFESSOR SEELEY AND STAFF

ENGLISH

PROFESSORS BROWN, BAUM, GILBERT, GREENE, HUBBELL, IRVING, AND WHITE; ASSOCIATE PROFESSORS GOHDES AND MITCHELL; ASSISTANT PROFESSORS ANDERSON, BLACKBURN, HERRING, JORDAN, PATTON, SUGDEN, AND VANCE; MESSRS. FITZGERALD, HARWELL, LEWIS, WARD, AND WEST; MISS POTEAT AND MRS. WHITE; ASSISTANTS

COMPOSITION

1-2. English Composition.—All Freshmen are required to take course 1 and course 2; however, those who earn a grade of "B" or more on the work of the first semester may in the spring substitute course 4 for course 2.

Students in courses 1 and 2 who fail to earn an average grade of "C" on the work of both semesters and at least a grade of "C" on the work of the spring term are required to do the work of English 53 during their Sophomore year. Those who do not earn a grade of "D" during the first semester are required to repeat during the spring course 1; if they earn a grade of "D" or more at the end of the spring semester, they receive credit for the first half-year of work, and during their Sophomore year they are required to do the work of English 2. Students whose grades for both semesters fall below "D" must repeat the entire course during their second year. **6 s.h. (E & W)**

PROFESSOR IRVING; ASSOCIATE PROFESSOR MITCHELL; ASSISTANT PROFESSORS ANDERSON, BLACKBURN, PATTON, SUGDEN, AND VANCE; MESSRS. FITZGERALD, HARWELL, AND WARD; MISS POTEAT AND MRS. WHITE

4. Writing and English Poetry.—The writing in this course consists of weekly themes assigned in connection with the poems studied.

No one is admitted to this course except those students who receive at least a grade of "B" on the work of course 1.

Those who fail to earn a grade of "C" on the written work of this course must do the work of English 53 during their Sophomore year. *Second semester. 3 s.h. (E & W)*

PROFESSOR IRVING; ASSOCIATE PROFESSOR MITCHELL; ASSISTANT PROFESSORS ANDERSON, BLACKBURN, PATTON, SUGDEN, AND VANCE; MESSRS. FITZGERALD, HARWELL, AND WARD; MISS POTEAT AND MRS. WHITE

53. English Composition.—A second course in composition. **3 s.h. Repeated in the second semester. (W & E)** ASSISTANT PROFESSOR JORDAN

54. Composition.—This is a practical course in composition for those who desire a greater mastery of, and facility in, the use of the language than they get from English 1-2 and 53. **3 s.h. (W)**

ASSISTANT PROFESSOR JORDAN

101-102. Composition.—This is an advanced course in writing for those who have done good work in the required courses in composition. Students who wish to take this course must have made a grade of "B" or more in English 1-2, or they must have credit for English 1-2 and English 53. The number of students in this course is limited, and all must have the consent of the instructor. Open to men and women. **6 s.h. (W)**

ASSOCIATE PROFESSOR MITCHELL

103-104. Composition.—This course is concerned largely with descriptive and narrative writing.

Only students who are able to write with facility and correctness are expected to enroll for this course; they must have the consent of the instructor. Open to women and men. **6 s.h. (E)**

ASSISTANT PROFESSOR BLACKBURN

107-108. Journalism.—This course gives instruction and training in journalism. Open to students approved by the Dean. **6 s.h. (W)**

ASSISTANT PROFESSOR SUGDEN

DRAMATICS

105-106. Play-Writing.—The work of this course is concerned chiefly with the technique of the one-act play though study is made also of the longer forms. Worthy plays written by students are presented by the members of the play-production course. Open to Juniors, Seniors, and Sophomores approved by the Dean. **6 s.h. (W)**

MR. WEST

119-120. History of the Theater.—This course makes a study of the development of the theater, of methods of production, and of representative plays of the various periods from the time of the early Greeks to the present day. Open to Juniors, Seniors, and Sophomores approved by the Dean. **6 s.h. (W)**

MR. WEST

121-122. Play-Production.—This course deals with the theory and practice of producing plays. The work includes make-up, lighting, scene-design and painting, costume, directing, and stage-management. Plays are studied with a view to producing them. There is practice-work both in the laboratory and in the theater. Open to Juniors, Seniors, and Sophomores approved by the Dean. **6 s.h. (W)**

MR. WEST

139-140. The Speaking Voice.—This course gives training in placement, pitch, range, and diction for use in professional work and in daily conversation. Open to all undergraduates with the approval of the Dean. **6 s.h. (W)**

MR. WEST

ARGUMENTATION AND PUBLIC SPEAKING

FOR SOPHOMORES, JUNIORS, AND SENIORS

151. Public Speaking.—A course in the fundamentals of public speaking with emphasis upon the effective presentation of ideas. **3 s.h.** (w)

ASSISTANT PROFESSOR HERRING AND MR. LEWIS

152. Argumentation.—A course dealing with the principles of argumentation and debating with special emphasis upon brief-making and practice-speaking. Public questions are studied as parallel work. **3 s.h.** (w)

ASSISTANT PROFESSOR HERRING AND MR. LEWIS

ENGLISH AND AMERICAN LITERATURE AND LANGUAGE

†55-56. **Prose Masterpieces.**—**6 s.h.** (w & E)

ASSISTANT PROFESSORS BLACKBURN AND VANCE

†59-60. **Contemporary Literature.**—During the first semester the subject-matter is drama; during the second, fiction. Open to women and men. **6 s.h.** (E)

MRS. WHITE

†59-60. **Contemporary Literature.**—During the first semester the subject-matter is poetry; during the second, fiction. Open to men and women. **6 s.h.** (w & E)

ASSISTANT PROFESSOR ANDERSON

†63-64. **A Survey of English Poetry.**—**6 s.h.** (w & E)

ASSOCIATE PROFESSORS GOHDES AND MITCHELL; ASSISTANT PROFESSORS PATTON AND SUGDEN

123-124. **Shakespeare.**—**6 s.h.** (w)

PROFESSOR BROWN

125-126. **English Literature, 1798-1832.**—This course consists of a study of representative English writers of prose and poetry from Wordsworth to Tennyson. **6 s.h.** (w & E)

PROFESSOR WHITE AND MRS. WHITE

127-128. **English Literature, 1832-1900.**—This course consists of a study of representative prose writers of the period. Open to men and women. **6 s.h.** (E)

PROFESSOR GREENE

129-130. **The History of the Novel in England.**—Open to women and men. **6 s.h.** (E & w)

ASSISTANT PROFESSOR VANCE, ASSOCIATE PROFESSOR MITCHELL, PROFESSOR WHITE

131. **The Drama, 1770-1892.**—**3 s.h.** (w)

PROFESSOR HUBBELL

[Not offered in 1937-38]

133. Contemporary Poetry and Verse-Writing.—Beginning with a study of the elements and technique of poetry, this course proceeds to a general survey of twentieth-century poetry, giving special attention to the various modern forms and tendencies.

No student may enroll in this course without the consent of the instructor; only a small number can be admitted. **3 s.h.**

PROFESSOR WHITE

134. Contemporary Poetry and Verse-Writing.—The work of this course consists chiefly of the writing of verse by members of the class and of criticism of the manuscripts by the class. Prerequisite: English 133.

No student may enroll in this course without the consent of the instructor; only a small number can be admitted. **3 s.h.**

PROFESSOR WHITE

135-136. Critical Study of Literary Masterpieces.—The first semester is devoted mainly to the essay and related forms; the second, to other types, including narrative and lyric poetry, the novel, and the short story. **6 s.h.**

[Not offered in 1937-38]

PROFESSOR BAUM

† Courses 55-56, 57-58, 59-60, and 63-64 are open only to Sophomores and Juniors.

137-138. American Literature.—This course consists of wide reading in American prose and poetry. 6 s.h. (w & e)

PROFESSOR HUBBELL, ASSOCIATE PROFESSOR GOHDES, AND
ASSISTANT PROFESSOR ANDERSON

142. Materials and Methods in High-School English.—Open only to Seniors. 3 s.h. (e)

ASSISTANT PROFESSOR JORDAN

143-144. English Literature, 1550-1625.—This course considers the most important non-dramatic literature from 1550 to 1625. 6 s.h. (w)

PROFESSOR GREENE

145-146. English Literature, 1832-1900.—This course consists of a study of representative English poets of the period with special emphasis on the study of the works of Tennyson in the first semester and of those of Browning in the second. 6 s.h. (w)

PROFESSOR GREENE

149-150. English Literature, 1625-1700.—Literature other than the drama. 6 s.h. (w)

DR. WARD

153-154. General Literature.—This course consists of the reading of important works of European literature and of a study of them in their proper relation with English thought and letters. 6 s.h. (w)

PROFESSOR IRVING

[Not offered in 1937-38]

201-202. Anglo-Saxon.—This course requires no previous study of Anglo-Saxon. The work of the course consists of the study of Anglo-Saxon grammar, the reading of Anglo-Saxon prose, and the reading and interpretation of "Beowulf." 6 s.h. (w)

PROFESSOR BROWN

203-204.—Chaucer.—6 s.h. (w)

PROFESSOR BAUM

207-208. English Literature, 1400-1550.—6 s.h. (w)

PROFESSOR BAUM

[Not offered in 1937-38]

209-210. English Romances.—This course consists of a rapid reading of the chief romances of the Middle English period. 6 s.h.

PROFESSOR BROWN

[Not offered in 1937-38]

213-214. The Ballad and Other Folk-Lore.—This course consists of an extensive study of the ballad and other ancient and modern folk-songs and of other kinds of folk-lore. 6 s.h. (w)

PROFESSOR BROWN

215-216. The Drama of the Elizabethan Period.—A study of the drama in England from its beginnings to 1640. 6 s.h. (w)

PROFESSOR GILBERT

217-218. Spenser and Milton.—An exhaustive study of the works of Spenser and Milton. 6 s.h. (w)

PROFESSOR GILBERT

219-220. English Literature, 1660-1798.—6 s.h. (w)

PROFESSOR IRVING

221. The Drama in England, 1640-1770.—3 s.h.

PROFESSOR BAUM

[Not offered in 1937-38]

225-226. Studies in Victorian Literature.—This course considers in an intensive way the works of some of the most important writers of the period. 6 s.h. (w)

PROFESSOR BAUM

227-228. Literary Criticism.—A history of literary criticism. 6 s.h. (w)

PROFESSOR GILBERT

229-230. **American Literature, 1800-1870.**—Seniors must have credit for English 137-138. 6 s.h. (w)

PROFESSOR HUBBELL AND ASSOCIATE PROFESSOR GOHDES

231-232. **Special Studies in American Authors.**—6 s.h.

[Not offered in 1937-38]

ASSOCIATE PROFESSOR GOHDES

233-234. **American Literature since 1870.**—6 s.h. (w)

ASSOCIATE PROFESSOR GOHDES

DEPARTMENTAL MAJOR

Prerequisites: English 1 and 2 or 4.

Major Requirements: A major in English consists of twenty-four semester-hours credit distributed as follows: *eighteen* hours must be earned in courses in English and American literature of the 100 and 200 groups; of these eighteen at least *six* must be earned in courses in English literature of the 200 group.

HONORS WORK

The Departments of English, Fine Arts, and Philosophy form an Honors group within the Division of the Humanities. For the details of this program the student should consult pages 52-55.

The program of Honors readings in English literature is as follows:

(1) **The Elizabethan Period and the First Half of the Seventeenth Century.**—The Bible; Shakespeare and Elizabethan drama; Spenser; Donne; Bacon and other writers of prose. PROFESSOR IRVING

(2) **English Literature from the Restoration to the Death of Pope.**—Milton; Dryden; the Comedy of Manners; Swift; Defoe; Addison and Steele; Pope. PROFESSOR IRVING

(3) **English Literature, 1744-1832.**—Fielding; Johnson; Wordsworth; Byron; Shelley; Keats; Lamb; Hazlitt. ASSISTANT PROFESSOR PATTON

(4) **English Literature, 1832-1900.**—Carlyle; Tennyson; Browning; Arnold (poetry and prose); Ruskin; Morris; Pater.

ASSISTANT PROFESSOR BLACKBURN

FINE ARTS

ASSISTANT PROFESSORS MCDONALD AND HALL AND MISS MAYFIELD

The purpose of the courses in this Department is so to train the student's eye by directed study of characteristic examples of the historic styles that he may apply his own standards of judgment to less familiar works either of the past or of the present. The advanced courses cover only the post-classical field to avoid duplication of courses in other departments. Course 1-2 or 51-52 is a prerequisite for all courses except 92.

1-2. History of Art.—The survey course for Freshmen is designed to help the new student in relating the different manifestations of art in each period with the civilization which produced them. It therefore treats the historical background, architecture, sculpture, painting, and the minor arts of each *style* as a unit, emphasizing Greek sculpture, French medieval architecture, and Italian Renaissance painting. 6 s.h. (E) MISS MAYFIELD

51-52. History of Art.—The survey course for upperclassmen treats each *art* as a unit, relating it to its background and its companion arts wherever possible, but leaving many of the problems of correlation to the initiative of the student. The development of architecture is considered during the first semester; the development of sculpture and painting during the second.

Courses 51 and 52 are both offered each semester. They are not open to Freshmen or to students who have had course 1-2. **6 s.h. (w & e)**

51, ASSISTANT PROFESSOR HALL; 52, ASSISTANT PROFESSOR McDONALD

53-54. Theory of Representation and Design.—A consideration of the general theory of tone relations, of the different modes of representation, and of the theory of design. The course aims to give a thorough understanding of the principles governing the art of drawing and painting as practiced in the past and at the present time. It will be open only to students who are enrolled in or have already completed a full course in the Department. One lecture or conference and two laboratory hours. **4 s.h. (E)** MISS MAYFIELD

92. Oriental Art.—A study of the art of the Islamic world, India, China, and Japan, as it reflects the life and philosophy of the major periods. Open to Sophomores, Juniors, and Seniors without prerequisite. **3 s.h. (E)**

ASSISTANT PROFESSOR McDONALD

101. Introduction to Medieval Art.—A study of the development of structure and decoration from the pre-Romanesque sources through the twelfth century, with emphasis on the tendencies in Romanesque architecture and sculpture which underlie the logical development of Gothic art. **3 s.h. (E)**

[Not offered in 1937-38]

ASSISTANT PROFESSOR McDONALD

102. Development of Gothic Art.—An outline of the structural and decorative problems solved by the builders of the Middle Ages. This course emphasizes the architecture, sculpture, and stained glass of the great cathedrals, and touches upon the mural painting, panel painting, and manuscript illumination of the period. **3 s.h. (E)**

ASSISTANT PROFESSOR McDONALD

[Not offered in 1937-38]

103. Renaissance and Baroque Architecture: Italy.—A survey of architecture in Italy during the fifteenth, sixteenth, and seventeenth centuries, studied through the works of individual architects and their schools. **3 s.h. (E)**

ASSISTANT PROFESSOR HALL

[Not offered in 1937-38]

104. Renaissance and Baroque Architecture: Spain and the North.—An inquiry into the spread of Italian Renaissance influence in architecture throughout Spain, France, Germany, the Low Countries, and England in the sixteenth and seventeenth centuries. **3 s.h. (E)**

ASSISTANT PROFESSOR HALL

[Not offered in 1937-38]

105. European Architecture since 1700.—A study of the changes in style, plan, and material arising in the eighteenth century as the result of awakened interest in the past, political freedom of thought, and scientific invention; the parallel development of classicism and romanticism, the succeeding phases of eclecticism, and the rise of functionalism. **3 s.h. (E)**

ASSISTANT PROFESSOR HALL

106. Architecture of the Americas.—An historical and critical survey of building in the Western Hemisphere. The work of the pre-European cultures and of the European colonies is briefly studied; emphasis is placed on the influence of political and social conditions and of newly discovered materials on the architecture of the United States from the early Republican period to the present. **3 s.h. (E)**

ASSISTANT PROFESSOR HALL

107. Renaissance Painting and Sculpture: Italy.—A study of the rise and development of Italian painting and sculpture from the fourteenth through the sixteenth centuries. **3 s.h. (E)**

MISS MAYFIELD

108. Renaissance Painting and Sculpture: The North.—A study of Flemish and German painting and sculpture of the fifteenth and sixteenth centuries, beginning with the Van Eycks and culminating in the work of Breughel and Holbein. 3 s.h. (E) MISS MAYFIELD

109. Seventeenth-Century Painting.—An analysis of the character and tendencies of seventeenth-century painting in Italy, Spain, and the Netherlands. 3 s.h. (E)

110. Painting and Sculpture since 1700.—An investigation of impressionism in painting from its origins in the eighteenth century to its culmination in the work of Renoir, Cézanne, and Van Gogh. 3 s.h. (E)

111. American Painting and Sculpture.—A study of the slow development of a cultural tradition in the United States in the wake of political and social progress; of the prolonged influence of the European schools; and of the growing independence of contemporary artists. 3 s.h. (E)
[Not offered in 1937-38] MISS MAYFIELD

COURSES OFFERED IN OTHER DEPARTMENTS ACCREDITED IN THIS DEPARTMENT

Greek 141-142. Greek Art.

Greek 247-248. Greek Archaeology.

Latin 115. Architecture of Ancient Rome.

Latin 215. Introduction to Roman Art and Archaeology.

Latin 216. Topography and Monuments of Ancient Rome.

Philosophy 201-202. The Philosophy of Art.

Philosophy 213-214. History of Aesthetics.

Psychology 202. Psychology of Aesthetics.

DEPARTMENTAL MAJOR

Prerequisites: 1-2 or 51-52.

Major Requirements: 53-54, and eighteen hours in courses chosen from the departmental offerings, or from courses in other departments accredited in this Department.

HONORS WORK

The Departments of English, Fine Arts, and Philosophy form an Honors group within the Division of the Humanities. For details of this program, the student should consult pages 52-55.

Honors readings in Fine Arts are as follows:

Junior Fine Arts Honors. **Reading in English Architecture.** A study of the influences on architecture of the invasions and the conquest; the renaissance under the Tudors and Stuarts; academism and the baroque; classicism and romanticism; eclecticism and functionalism.

ASSISTANT PROFESSOR HALL

Senior Fine Arts Honors. **Reading in Medieval Art.** A study of the religious, philosophical, and racial elements of medieval civilization as they influenced artistic production.

ASSISTANT PROFESSOR McDONALD

FORESTRY

PROFESSORS KORSTIAN, SCHUMACHER, AND WOLF; ASSOCIATE PROFESSORS HARRAR AND MAUGHAN; AND ASSISTANT PROFESSOR COILE

The undergraduate courses now available in forestry are designed primarily to afford a better understanding of trees and forests and of the economic and social importance of forests and forestry. Work in technical forestry leading to the professional degrees is not now available, although students who have had specialized training in technical forestry or in allied sciences, may pursue

graduate work in forestry leading to the Master of Arts and Doctor of Philosophy degrees (see *Bulletin on Forestry*).

Students who are preparing for graduate work in forestry are advised to take the courses outlined in the pre-forestry curriculum.

52. Principles of Forestry.—An introduction to forestry emphasizing the economic and social importance of the forest and its influence on streamflow, water supply, soil, and erosion. Brief studies of the individual tree and the life history of the forest and its reproduction, treatment, and protection. The principal forest regions and timber trees of the United States; a brief history of the forestry movement in America and the present-day forestry agencies. The work consists of lectures, assigned readings, reports, and field trips. Open to Sophomores, Juniors, and Seniors. **2 s.h. (w)**

ASSOCIATE PROFESSOR MAUGHAN

S150. Forest Surveying.—The application of plane surveying to forest problems. Practice in making boundary and topographic surveys of forested tracts using both intensive and extensive methods. Work includes use of the transit, level, traverse board, topographic abney and slope tape, and aneroid barometer. Eight hours a day, three weeks, Summer School. Prerequisite: Civil Engineering 110, Plane Surveying, or equivalent. **3 s.h. (w)**

ASSOCIATE PROFESSOR MAUGHAN

S151. Forest Mensuration.—Field studies in the methods of measuring the contents and growth of trees and forest stands. Practice in timber estimating, log scaling, use of mensurational instruments, and the collection of basic data. Eight hours a day, four weeks, Summer School. **4 s.h. (w)**

PROFESSOR SCHUMACHER

153. Forest Tree Characteristics and Identification.—The characteristics, systematic classification, and identification of the more important forest trees of North America. Laboratory and field work with trees in winter and summer condition; development and growth of the individual tree, common occurrence of different species and their rôle in forest types. Prerequisite: one year of botany. **4 s.h. (w)**

ASSOCIATE PROFESSOR HARRAR

224. Forest Pathology.—Special reference to diseases of forest trees. Offered in alternate years. Prerequisites: Botany 1, 2, and Forestry 153 or equivalents. **4 s.h. (w)**

PROFESSOR WOLF

253. Dendrology.—The characteristics and identification of trees and shrubs with special reference to species native to North Carolina and other important forest regions of the United States. Studies of special groups included. Prerequisite: two years of botany or forestry. **4 s.h. (w)**

ASSOCIATE PROFESSOR HARRAR

255. Forest Mensuration.—Scientific sampling methods and statistical analysis of forest mensuration data pertaining to the volume, growth, and yield of forest stands. Prerequisite: Forestry S151. **4 s.h. (w)**

PROFESSOR SCHUMACHER

257. Design of Forestry Experiments and Analysis of Data.—The rôle of experimental design in the field and laboratory and the statistical analysis of data as aspects of the scientific method in forest research. Prerequisite: Forestry 255. (Students lacking Forestry 255 may take this course but must register for 5 s.h. and do additional work.) **4 or 5 s.h. (w)**

PROFESSOR SCHUMACHER

258. Wood Anatomy and Properties.—Anatomy, physical and chemical properties of wood. Macroscopic and microscopic identification of the more important woods of the United States. Prerequisites: Physics 1 and 2, Chemistry 1 and 2, Forestry 153, or equivalents. **4 s.h. (w)**

ASSOCIATE PROFESSOR HARRAR

261. Forest Soils.—Origin, development, and classification of soils. Physical and chemical properties of soils with special reference to their ability to produce forest trees. Field identification, field sampling, and laboratory analysis. The interrelationships of soil and forest cover. Desirable prerequisites: Chemistry 1 and 2, Physics 1 and 2, Botany 151 and 156, or equivalents. **4 s.h. (w)**

ASSISTANT PROFESSOR COILE

264. Silvics.—The ecological foundations of silviculture with special reference to the site factors of the forest; the influence of the forest on its environment; the growth and development of trees and stands; the origin, development, and classification of forest communities; methods for studying the forest environment. Desirable prerequisites: Botany 151 and 156, Forestry 153 and 261, or equivalents. **4 s.h. (w)**

PROFESSOR KORSTIAN

GEOLOGY

ASSISTANT PROFESSOR BERRY

51. General Geology.—This course is designed to give a general view of the surface features of the earth, their origin, structure, and materials. Illustrative materials are studied in the laboratory. Excursions are made to neighboring points where the principles of the science are studied in the field. Three one-hour lectures or recitations and one three-hour laboratory. **4 s.h. (w)**

ASSISTANT PROFESSOR BERRY

52. General Geology.—This course is designed to give some knowledge of the chief events of the earth's history. Excursions will be made to suitable neighboring localities. Three one-hour lectures or recitations and one three-hour laboratory. Prerequisite: Geology 51. **4 s.h. (w)**

ASSISTANT PROFESSOR BERRY

101-102. Mineralogy.—This course is devoted to a study of the fundamentals of crystallography and the crystal groups, using crystal models and crystallized minerals. Followed by the systematic study of about 175 important minerals. Determinative work includes exercises on sight recognition, identification by blowpipe, and other physical and chemical tests. Excursions will be made to neighboring mineral localities. Three two-hour periods. Prerequisite: Chemistry 1-2 (can be taken concurrently). **4 s.h. (w)**

ASSISTANT PROFESSOR BERRY

151. Economic Geology.—Study of world distribution, geologic occurrence, and uses of important mineral deposits. Three two-hour periods. Prerequisite: Geology 101-102. **4 s.h. (w)**

ASSISTANT PROFESSOR BERRY

152. Introductory Paleontology.—Systematic study of invertebrate paleontology, dealing mainly with generic characters of the fossil invertebrates and their use in identifying and correlating geologic formations. Three two-hour periods. Prerequisites: Geology 52 and Zoology 1-2. **4 s.h. (w)**

ASSISTANT PROFESSOR BERRY

DEPARTMENTAL MAJOR

Prerequisites: None for Geology 51. Chemistry 1-2 for Geology 101-102; Zoology 1-2 for Geology 152.

Major Requirements: Geology 51, 52, 101-102, 151, 152.

GERMAN LANGUAGE AND LITERATURE

PROFESSORS VOLLMER, KRUMMEL, AND WANNAMAKER; ASSISTANT PROFESSOR WILSON; MESSRS. MAXWELL, SHEARS, AND WRIGHT

Freshmen entering college with two units of German take German 3-4. Freshmen entering with three units take German 51-52.

Sophomores, who have taken German 1-2, take German 3-4. Those who have taken German 3-4, take German 51-52. Those who passed German 51-52 in their Freshman year may take any course in the 100 group (except 101-102, 103-104).

Juniors, who desire to begin the study of German, may receive full advanced course credit by taking German 101-102. Those who have passed German 1-2, may take either German 3-4 or 103-104. Those who have passed German 3-4 or 51-52 may take any course in the 100 group (except 101-102, 103-104). Those who have taken a 100 course, take any course in the 100 or 200 groups.

Seniors, who desire to take one year of German, may receive full advanced course credit by taking German 101-102. Those who have taken German 1-2 or 101-102, take German 103-104. Those who have taken two or three years of College German here or elsewhere take any course in the 200 group. Seniors majoring in German must take courses in the 200 group.

Although courses in the 100 and 200 groups are regarded as full-year courses, one semester may be taken for 3 semester-hours credit with the consent of the instructor.

1-2. Elementary German.—6 s.h. (E & W)

ASSISTANT PROFESSOR WILSON AND STAFF

3-4. Intermediate German.—6 s.h. (E & W)

PROFESSOR KRUMMEL AND STAFF

51-52. German Civilization.—(Open only to Freshmen and Sophomores.) A transition course between Intermediate German and the literary and scientific courses of the 100 and 200 groups. **6 s.h. (w)**

101-102. Elementary German.—For Juniors and Seniors only. **6 s.h. (w)**

103-104. Intermediate German.—For Juniors and Seniors only. **6 s.h. (w)**

107. Scientific German.—The German language as used in the various contemporary sciences. **3 s.h. (w)**

PROFESSOR WANNAMAKER AND DR. MAXWELL

108. Advanced Scientific and Medical German.—Advanced scientific German with special emphasis on medical German. **3 s.h. (w)**

PROFESSOR WANNAMAKER AND DR. MAXWELL

109-110. German Prose Fiction.—6 s.h.

PROFESSOR KRUMMEL

[Not offered in 1937-38]

111-112. Introduction to the Classic Drama.—Selected dramas from Lessing, Goethe and Schiller. **6 s.h. (w)**

ASSISTANT PROFESSOR WILSON

115-116. German Drama of the Nineteenth Century.—A study of leading dramatists from Kleist to Hauptmann. **6 s.h. (w)**

PROFESSOR KRUMMEL

119-120. Nibelungenlied to the Twentieth Century.—The great epochs in German literature studied through English translations. **6 s.h.**

[Not offered in 1937-38]

PROFESSOR VOLLMER

123-124. **Modern German Short Story.**—6 s.h.
[Not offered in 1937-38]

DR. SHEARS

125-126. **Contemporary German Literature.**—A study of representative works of the twentieth century. 6 s.h. (w)

DR. SHEARS

127-128. **Survey of Nineteenth-Century German Literature.**—Representative selections from all important literary schools from romanticism to contemporary realism. 6 s.h. (E)

PROFESSOR VOLLMER

201-202. **Goethe.**—A careful study of Goethe's life and works, with special emphasis upon the broader aspects of his ever widening interests and literary activities. 6 s.h. (w)

PROFESSOR KRUMMEL

207-208. **German Romanticism.**—The course covers the entire field of German romanticism from 1800 to 1850. 6 s.h. (w)

PROFESSOR VOLLMER

209-210. **Kleist, Grillparzer, and Hebbel.**—6 s.h.
[Not offered in 1937-38]

PROFESSOR KRUMMEL

211-212. **Heinrich Heine.**—6 s.h.
[Not offered in 1937-38]

PROFESSOR VOLLMER

213-214. **Literature of the Empire, 1871-1914.**—A study of the literature of this period as determined particularly by the philosophical, social, political, and religious factors. 6 s.h. (w)

PROFESSOR VOLLMER

DEPARTMENTAL MAJOR

1. *Prerequisites:* German 1-2 and 3-4.

2. *Major Requirements:* Twenty-four hours in the German Department. Twelve of these must be selected from the 200 courses. The remaining twelve may be selected from German 51-52 and any courses in the 100 group except 101-102, 103-104 and 119-120.

DEPARTMENTAL HONORS PROGRAM

(a) *Prerequisites:*

1. For admission to candidacy for Honors in German, a student must have begun the study of the language not later than the Freshman year in college.

2. A student who has completed at least 12 s.h. of College German by the end of the Sophomore year with a grade of "A" or "B" (equivalent courses in secondary schools or in other colleges may be presented as substitutes) is eligible to apply to the Departmental Committee for permission to read for Honors in German, provided that his general average for all college work at the time of application is not below "C."

(b) *Honors Work:*

Candidates for Honors in German shall complete the following program of work in the Junior and Senior years:

1. Twenty-seven semester-hours in German courses of the 100 and 200 groups, selected after consultation with the Chairman of the Departmental Honors Committee. The candidate must maintain an average of not less than "B" in each course of this subdivision.

2. Twelve semester-hours in allied departments. The courses in this subdivision must be chosen from the 100 and 200 groups. An average grade of "B" must be maintained in each of these courses.

3. Ten semester-hours in Honors reading under the supervision of an Honors Adviser and culminating in the writing of an Honors essay. The ten hours devoted to supervised reading will be based on a syllabus compiled by the Departmental Committee. The candidate will report to his Honors Adviser regularly on this reading.

(c) *General Honors Examinations.* In May of the Senior year the candidate will be given a general written examination, conducted by his Adviser, on his Honors reading. A general oral examination, conducted by the Departmental Committee, based principally on the fields covered by the candidate's courses and reading, but presupposing a general knowledge of the development of German culture and civilization and a practical ability in the use of the German language, will also be conducted in May.

GREEK

PROFESSOR PEPPLER; ASSISTANT PROFESSOR WAY;
AND DR. TRUESDALE

Courses 121-122, 141-142, and 131 are entirely in English and require no knowledge of the Greek language. The purpose in offering them is to give a wider circle of students some conception of the debt which modern civilization owes to the Greeks.

1-2. Course for Beginners.—6 s.h. (w) Open to all students.

DR. TRUESDALE

53-54. Xenophon.—*Anabasis*, Books I-IV. Open to students who offer one unit of Greek for admission and to those who have completed course 1-2. **6 s.h. (w)**

DR. TRUESDALE

105-106. Homer.—*Iliad*, Books I-VI. Open to students who offer two units of Greek for admission and to those who have completed courses 1-2 and 53-54 or their equivalent. **6 s.h. (w)**

PROFESSOR PEPPLER AND DR. TRUESDALE

107-108. Plato.—*Apology*, *Crito*, and selections, together with collateral reading in the *Memorabilia* of Xenophon and in the *Clouds* of Aristophanes. *Euripides*.—One play, to serve as an introduction to Greek tragedy. Open to students who offer three units for admission and to others who have completed the required preliminary work. **6 s.h. (w)**

DR. TRUESDALE

115-116. Sight Reading in Greek.—Three hours per week through the year. **4 s.h. (w)**

ASSISTANT PROFESSOR WAY AND DR. TRUESDALE

117-118. Greek Prose Composition.—The character of this course is determined by the needs of the students who elect it. **2 s.h. (w)**

PROFESSOR PEPPLER

121-122. Greek Literature in English Translation.—The purpose of this course is to give a general survey of the life and civilization of the Greeks, especially to those who have never studied the language but wish to become acquainted with some of the choicest portions of the literature by the use of translations. It is, however, open as an elective to all Juniors and Seniors, whether they know Greek or not. First, the *Iliad* and the *Odyssey* are read in translation and illustrated with stereopticon views of the excavations and discoveries at Troy and other cities of the Aegean age; then, many of the extant plays of the three great tragic poets are studied in English translations. **6 s.h. (w)**

PROFESSOR PEPPLER

The student may elect course 122, whether he has taken course 121 or not.

141-142. Greek Art.—Lantern lectures, introduced or supplemented by formal lectures dealing mainly with Greek sculpture and Greek architecture. Some account is given of Egyptian and Mesopotamian art by way of introduction. No knowledge of Greek is required. **6 s.h. (w)**

ASSISTANT PROFESSOR WAY

131. **History of Greece.**—The history of Greece with introductory matter relating to the Aegean civilization. 3 s.h. (w) ASSISTANT PROFESSOR WAY

201-202. **Greek Tragedy.**—Selected plays are read, and their dramatic construction and distinctive features are discussed. 6 s.h. (w)

PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

203-204. **Homer.**—*Odyssey*. **Pindar and Bacchylides.** 6 s.h. (w)

PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

205-206. **Greek Historians.**—Herodotus, Book VII; Thucydides, Book VII. 6 s.h. (w) PROFESSOR PEPPLER

207-208. **Greek Orators.**—Selected speeches. 6 s.h. (w)

ASSISTANT PROFESSOR WAY

209-210. **Plato.**—*Symposium*, *Protagoras*, and parts of the *Republic*. 6 s.h. (w) ASSISTANT PROFESSOR WAY

211-212. **Aristophanes.**—Selected comedies. 6 s.h. (w) PROFESSOR PEPPLER

Only one of the six year-courses for Seniors and Graduates (201-212), listed above, is offered each year.

243. **Athenian Topography.**—The topography and monuments of ancient Athens. 3 s.h. (w) ASSISTANT PROFESSOR WAY

244. **Greek Epigraphy.**—Lectures on the history of the alphabet and the development of the local Greek alphabets, followed by extensive reading of inscriptional texts in facsimile. 3 s.h. (w) ASSISTANT PROFESSOR WAY

245. **Greek Dialects.**—A linguistic study of transliterated inscriptions illustrative of the major Greek dialects. The interrelations of the dialectal forms are examined with reference, where possible, to their origin in proto-Greek. 3 s.h. (w) ASSISTANT PROFESSOR WAY

246. **Greek Historical Inscriptions.**—The more valuable historical inscriptions are read in chronological order and interpreted in their general bearing upon the course of Greek history. 3 s.h. (w) ASSISTANT PROFESSOR WAY

247-248. **Greek Archaeology.**—Advanced course in the general field for Seniors and Graduates, comprising architecture, sculpture, vases and the minor arts. 6 s.h. (w) ASSISTANT PROFESSOR WAY

Of the courses numbered from 243 to 248 only two semester-courses are offered each year.

DEPARTMENTAL MAJOR

Prerequisite: Greek 1-2.

Major Requirements: A candidate for a major in Greek must complete twenty-three semester-hours, including the following courses: Greek 53-54, 105-106, 107-108, 117-118, and 131.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in Greek the student must have completed Greek 1-2 and 53-54 or their equivalent.

Candidates for Honors must complete the following program of work:

(a) Greek 105-106, 131, 141-142, 107-108, and 117-118.

(b) Twelve semester-hours of related work in Latin, German, or Philosophy, according to the needs of the individual student.

(c) The Honors Reading. This is tutorial work in which the student is required to read assigned portions of Greek literature by himself, to write papers on topics related to his reading, and to meet the Honors Adviser in weekly conferences for the discussion of the literature that he is reading independently. For the Honors Reading a credit of fourteen semester-hours is given.

Students who enter the University with advanced standing in Greek take higher courses in the language than those listed above.

At the end of the Senior year candidates for Honors must pass a general examination in writing on the subject matter covered by their studies in Greek.

Graduates of Duke University may attend the American School of Classical Studies at Athens, Greece, without charge for tuition, and are eligible to compete for the fellowships that are offered annually by the School. These consist of two fellowships in Greek archaeology and one in the language, literature, and history of ancient Greece, each with a stipend of \$1,300. They are awarded mainly on the basis of examinations held in the beginning of February of each year.

HEALTH AND PHYSICAL EDUCATION

TRINITY COLLEGE

DIRECTOR OF PHYSICAL EDUCATION WADE; ASSISTANT DIRECTOR VOYLES; ASSISTANTS ASHWORTH, CALDWELL, CAMERON, CHAMBERS, COOMBS, CRICHTON, FOGLEMAN, GERARD, HAGLER, PERSONS, WAITE, WARREN; AND GYMNASIUM DIRECTOR CARD

REQUIRED PHYSICAL EDUCATION FOR MEN

Six hours credit in physical education with an average grade of "C" must be completed for graduation. Three hours a week through the Sophomore year are needed to fulfill this requirement. All students must enroll in physical education until they have completed the requirement.

All students are required to take a medical and physical examination before registering. Those who reveal pronounced physical deficiencies are excused from the regular courses in physical education and are required to take the course entitled "Individual Corrective Activities." Students assigned to this work continue to take it until they have been pronounced reasonably sound. Thereupon they withdraw from this course and register in the regular physical education course. A student may take from one to eight semesters of this special work. Students without defects may elect to take any four courses they choose. In general, these activities fall in one of three groups: those developing physical efficiency; those affording competitive contests; and those occupying recreative or leisure time. Since a student is not allowed to take the same course twice, he covers four courses in the two years of required work.

Students may receive physical education credit for participation in Freshman and varsity intercollegiate sports.

The regulation indoor suit consists of a sleeveless white shirt, white running pants, supporter, sweat socks, and rubber-soled shoes. For outdoor work a sweat suit should be added to the above list and shoes suitable for the sport.

PHYSICAL EDUCATION CLASSES

1-2. Basketball.—1½ s.h.

MR. WAITE

3-4. Boxing.—1½ s.h.

MR. WARREN

5-6. Individual Corrective Activities.—1½ s.h.

MR. CHAMBERS

7-8. Handball.—1½ s.h.	MR. WAITE
11-12. Soccer Football.—1½ s.h.	MR. GERARD
13-14. Swimming.—1½ s.h.	MR. PERSONS
15-16. Touch Football.—1½ s.h.	MR. GERARD
17-18. Tennis.—1½ s.h.	MR. FOGLEMAN
19-20. Tumbling Stunts.—1½ s.h.	MR. CARD
21-22. Track.—1½ s.h.	MR. WAITE
25-26. Wrestling.—1½ s.h.	MR. WARREN
27-28. Apparatus Stunts.	MR. CARD
55-56. Individual Corrective Activities.—1½ s.h.	MR. CHAMBERS
59. Baseball.—1½ s.h.	MR. COOMBS
61-62. Golf.—1½ s.h.	MR. CRICHTON AND MR. HAGLER,

INTERCOLLEGIATE ATHLETIC SPORTS

FRESHMEN	Varsity
30. Baseball.—1½ s.h.	80. Baseball.—1½ s.h.
32. Basketball.—1½ s.h.	82. Basketball. 1½ s.h.
34. Boxing.—1½ s.h.	84. Boxing.—1½ s.h.
37. Football.—1½ s.h.	87. Football.—1½ s.h.
38. Football.—1½ s.h.	88. Football.—1½ s.h.
41. Cross Country.—1½ s.h.	90. Golf.—1½ s.h.
42. Swimming.—1½ s.h.	91. Cross Country.—1½ s.h.
44. Tennis.—1½ s.h.	92. Tennis.—1½ s.h.
46. Track.—1½ s.h.	93. Soccer Football.—1½ s.h.
48. Wrestling.—1½ s.h.	94. Swimming.—1½ s.h.
	96. Track.—1½ s.h.
	98. Wrestling.—1½ s.h.

ELECTIVES IN PHYSICAL EDUCATION

Students in Group VI A may elect twelve semester-hours from the courses offered below.

These courses are arranged to help meet the increasing demand for teachers who are qualified to teach physical education and to coach.

171. **Recreational Activities.**—Combative contests, games, mass athletics; supervision of community recreation. Open to Sophomores, Juniors, and Seniors. 3 s.h. MR. GERARD

173. **Health Education and Corrective Gymnastics.**—Detection of abnormalities and treatment of physical methods. Prerequisite: Zoology 1-2. Open to Juniors and Seniors. 4 s.h. MR. CHAMBERS

* Courses numbered fifty (50) and above are not open to Freshmen.

182. **Organization and Administration of Physical Education and Athletics.**—Open to Juniors and Seniors. 2 s.h. MR. WADE, MR. VOYLES

187. **School Programs of Physical Education.**—Open to Juniors and Seniors. 3 s.h. MR. GERARD

190. **Training and First Aid.**—Open to Juniors and Seniors. 2 s.h. MR. CHAMBERS

192. **History, Systems, and Theories of Physical Education.**—Open to Sophomores, Juniors, and Seniors. 3 s.h. MR. VOYLES

WOMAN'S COLLEGE

MISS GROUT, DIRECTOR

MRS. BOOKHOUT, MISS LEWIS, MISS MORRIS, MISS WYCHE

Six hours credit in physical education, with an average grade of "C," must be completed for graduation. For women students two hours a week through the Junior year are needed to fulfill this requirement.

All students are given a physical and medical examination upon entering and at intervals throughout their college course. Classes in individual gymnastics and moderate sports are arranged for those who should not take the more active work.

The regulation costume (approximate cost \$6.00) should be purchased from the College Store at the beginning of the year. Uniform tank suits are provided at the gymnasium.

ACTIVITIES OFFERED

Fall term (October to December): Hockey, soccer, swimming, diving, tennis, riding, moderate sports, volleyball, golf.

Winter term (December to March): Body mechanics, gymnastics, individual gymnastics, apparatus and stunts, clog and character dancing, folk dancing, natural dancing, swimming, life-saving, basketball.

Spring term (March to June): Tennis, swimming, diving, riding, baseball, track and field, archery, golf.

ELECTIVES IN PHYSICAL EDUCATION

In view of the fact that there is an increasing demand for teachers of general subjects who are qualified to assist in physical education in the public schools, the following courses are offered as electives for prospective teachers and as introductory courses for students planning to continue the study of physical education as a profession. Students other than those in Group VI do not receive academic credit for these courses.

81. **History and Principles of Physical Education.**—Prerequisite: Educational Psychology. An historical survey of physical education stressing the relation between the types of activity developed and the social and political ideals of different nations and periods. An interpretation of aims and objectives; a study of the relative values of the activities in a program of physical education. 3 s.h. MISS GROUT

102. **The Teaching of Physical Education in Elementary Schools.**—Required of women students in Group VI B. A course intended to familiarize prospective elementary school teachers with methods and materials used in teaching physical education to children; includes discussions on the theory of physical education, and practice in teaching elementary school activities. Courses 102 and 185 are mutually exclusive. Open to Sophomores, Juniors, and Seniors. 3 s.h. MISS GROUT

108. Recreational Leadership.—This course includes a study of the recreational needs of adolescents and adults; qualities and preparation for leadership; the administration of playgrounds and play centers, including the local community set-up; materials and methods for directing recreational activities. Valuable for students interested in community work. Open to Sophomores, Juniors, and Seniors. 2 s.h. MISS MORRIS

181-182. Methods of Teaching Athletic Activities.—A course in the theory and practice of teaching and officiating in team games and athletic sports for girls and women. Open to Juniors and Seniors. 6 s.h. THE STAFF

185. The Teaching of Physical Education in Secondary Schools.—This course is intended to give prospective high-school teachers an acquaintance with problems connected with physical education in secondary schools in order that they may be better fitted to help with high-school athletics in communities where no physical education teacher is provided. Discussions and practice teaching. Courses 185 and 102 are mutually exclusive. Open to Sophomores, Juniors, and Seniors. 3 s.h. MISS GROUT

HYGIENE

41. Hygiene.—A study of personal and community health problems including the essential facts of anatomy, physiology, body mechanics, and mental hygiene. Emphasis is placed on the practical application of hygienic principles to individual needs. *Either semester.* 3 s.h. MISS WYCHE

S112. Personal and School Hygiene.—General, personal, and school hygiene with some instruction in anatomy and physiology; cause, transmission, and prevention of communicable diseases; the more common defects of school children; schoolhouse sanitation; medical inspection; etc. 3 s.h.

MISS GARDINER

HISTORY

PROFESSORS BOYD, LAPRADE, CARROLL, AND SHRYOCK; ASSOCIATE PROFESSORS BALDWIN AND SYDNOR; ASSISTANT PROFESSORS LANNING, MANCHESTER, NELSON, AND QUINN; MESSRS. HAMILTON, MCCLOY, MABRY, MUNYAN, AND WOODY; MISSES CHAFFIN AND FOERSTER

The undergraduate courses in history are designed to afford (1) an introduction to the study of history by a survey of the history of modern Europe; (2) a more intensive study of general American history; (3) opportunities for more advanced study of phases of American, English, European, and Hispanic-American history which interest the teachers and students.

Course 1-2 or 51-52 is a prerequisite for all other courses; courses 91 and 92 are prerequisite for courses 103, 113, 114, 119-120, 121-122, 209-210, 215-216, 228. Sophomores who took only one semester of course 1-2 in the Freshman year may be admitted to courses 91 and 92 or 65-66, provided they made a grade of "B" or above on the semester taken. Courses offered for Seniors and graduates are limited to twenty-five students; Juniors may not elect them without special permission from the Department and the Council on Graduate Instruction. Sophomores must obtain permission of the instructor in order to be admitted to courses numbered above 100; students who are not fully qualified Sophomores will not be admitted to these courses.

1-2. Modern and Contemporaneous Europe.—In this course the development of modern Europe since the middle of the sixteenth century is traced with special reference to the rise of nationality, the Industrial Revolution, scientific thought, domestic politics in the leading states, colonial expansion, diplomacy, and the World War. 6 s.h. (W & E)

Sophomores and Juniors may not be admitted to this course. Courses 1 and 2 are each offered in both semesters.

ASSISTANT PROFESSORS MANCHESTER, NELSON, AND QUINN; DRs. McCLOY AND WOODY; MR. HAMILTON AND MISSES CHAFFIN AND FOERSTER

51-52. Modern and Contemporaneous Europe.—The history of Europe since the beginning of the sixteenth century with special reference to the rise of nationality, the Industrial Revolution, colonial expansion, and international relations. 6 s.h. (w & e)

Courses 51 and 52 are each offered in both semesters.

ASSOCIATE PROFESSOR BALDWIN, DR. MABRY, AND MR. MUNYAN

(Not open to Freshmen or to students who have had course 1-2.)

65-66. The Social and Cultural History of Western Europe in the Seventeenth and Eighteenth Centuries.—6 s.h. (w) DR. McCLOY

91. Political and Social History of the United States to 1830.—A general survey of the development of the United States in which effort is made to place the proper emphasis on underlying economic or other causes of political and social progress. Old number 9. 3 s.h. (w & e)

PROFESSOR SHRYOCK; ASSOCIATE PROFESSOR SYDNOR; ASSISTANT PROFESSOR LANNING; AND DRs. WOODY AND MABRY

92. Political and Social History of the United States, 1830 to 1900.—This course completes the work begun in 91. Old number 91. 3 s.h. (w & e)

PROFESSOR SHRYOCK; ASSOCIATE PROFESSOR SYDNOR; ASSISTANT PROFESSOR LANNING; AND DRs. WOODY AND MABRY

Note: In courses 91 and 92 no texts are required, but each student pays a class fee of \$3.00 per semester with which all books to be read are purchased and placed in the libraries. This fee is collected through the Treasurer's Office.

101-102. Early European Civilization.—A study of the development in Western Europe of the institutions and culture of ancient times and the middle ages. 6 s.h. (e)

Sophomores who made an average grade of "B" or more on course 1-2 may be admitted to this course.

ASSISTANT PROFESSOR QUINN

103. Political and Social Evolution of the South since 1865.—3 s.h. (w)

PROFESSOR BOYD

[Not offered in 1937-38]

113. American Colonial History, 1606-1783.—The growth of institutions and economic life in the English colonies and the American Revolution. Prerequisites: courses 91 and 92. 3 s.h. (w) DR. WOODY

114. History of the United States since Reconstruction.—Reconstruction and its aftermath; cultural, political, and economic development since 1876, agrarian and labor problems, the rise of large industry, the Spanish War and imperialism, the World War, and post-bellum problems. Old number 113. Prerequisites: courses 91 and 92. 3 s.h. (w)

ASSISTANT PROFESSOR LANNING

Ancient History.—Greek 113—Latin 132.—See Department of Latin and Roman Studies. This course does not count toward a major in history. (w)

119-120. Social and Economic History of the American People.—Particular attention is given to the relations between economic forces and such phases of social life as the family, morals and customs, immigration, crime and punishment, amusements, public opinion, and public health. Old number 119. Prerequisites: courses 91 and 92. 6 s.h. (w) PROFESSOR SHRYOCK

121-122. The Church in American History.—Among the subjects considered are the relation of theology and church government to political theory and practice, the social and political results of the Great Awakening and of ecclesiastical controversies, the part played by the Church in the American Revolution and in the making of state constitutions, in education, westward expansion, in the reform movements of the nineteenth century, labor controversies, the Civil and World Wars, and internationalism. Prerequisites: courses 91 and 92. **6 s.h. (E)** ASSOCIATE PROFESSOR BALDWIN
[Not offered in 1937-38]

123-124. English History.—A study of transitions in the political institutions and social development from the Norman Conquest to the present. Old number 124. **6 s.h. (w)** PROFESSOR LAPRADE

125. The Ancient Régime, the French Revolution, and Napoleon.—3 s.h. (w) PROFESSOR CARROLL
[Not offered in 1937-38]

126. The Congress of Vienna and the Rise of the European Nations to 1870.—3 s.h. (w) PROFESSOR CARROLL
[Not offered in 1937-38]

127. History of Latin America.—3 s.h. (w) ASSISTANT PROFESSOR LANNING

130. The Expansion of Europe, 1415-1763.—The penetration of other lands by Western European peoples and the influence of this movement on the countries from which these peoples went. **3 s.h. (w)** ASSISTANT PROFESSOR MANCHESTER

135. Main Currents in European History, 1815-1914.—3 s.h. (w) PROFESSOR CARROLL

136. Europe since 1914, Including the Rise of the Totalitarian States, Russia, Italy, and Germany.—3 s.h. (w) PROFESSOR CARROLL

FOR SENIORS AND GRADUATES

205-206. English Constitutional History.—Old number 204. **6 s.h. (w)** PROFESSOR LAPRADE
[Not offered in 1937-38]

208. Studies in the Social History of the United States.—3 s.h. (w) PROFESSOR SHRYOCK
[Not offered in 1937-38]

209-210. Constitutional History of the United States, 1763-1860.—Old number 210. **6 s.h. (w)** ASSOCIATE PROFESSOR SYDNOR

211. The Teaching of History and Civics (Education 225).—Old number 212. **3 s.h. (w)** ASSISTANT PROFESSOR MANCHESTER

215-216. History of the United States' Foreign Policy.—This course traces the history of American diplomacy since 1789. Prerequisites: courses 91 and 92. **6 s.h. (w)** ASSOCIATE PROFESSOR SYDNOR
[Not offered in 1937-38]

217-218. Europe since 1870.—International relations since the Franco-German War is the chief subject of study in this course; special emphasis is placed upon the underlying economic and political influences. Old number 217. **6 s.h. (w)** PROFESSOR CARROLL
[Not offered in 1937-38]

219-220. The History of the European Proletariate.—This course is concerned chiefly with the origins, expansions, and organization of the industrial working classes of Europe. The following problems are emphasized: the decline of serfdom, the growth of an urban working class and social revolutions in England, France and Germany prior to the eighteenth century, the results of the Industrial Revolution, and labor movements and theories during the nineteenth and twentieth centuries. Old number 218.
6 s.h. (w) PROFESSOR CARROLL

223-224. Medieval Institutions and Culture.—A consideration of the classical heritage, the Germanic infusion, development of ecclesiastical, feudal, monarchical, and communal institutions, relations of Church and State, the rise of universities, vernacular literatures, philosophy, and art in the period 300-1300 A.D. Old number 223. 6 s.h. (w) ASSISTANT PROFESSOR QUINN

221-222. The Age of the Renaissance.—A survey of social and cultural changes in Western Europe from Dante to Erasmus. Old number 222.
6 s.h. (w) ASSISTANT PROFESSOR NELSON

225-226. The Age of the Reformation.—A survey of European civilization from 1500 through the Peace of Westphalia. 6 s.h. (w)
[Not offered in 1937-38] ASSISTANT PROFESSOR NELSON

228. An Introduction to the History of the South to 1865.—3 s.h. (w)
[Not offered in 1937-38] PROFESSOR BOYD

231 The Hispanic Colonies of the New World.—The development of the Iberian states as colonizing powers, the work of the conquerors, the Spanish colonial policy and system, their influences and results, native races, the international contest for supremacy, and the decay of Spanish power in America and the Philippines. Old number 232. 3 s.h. (w)
[Not offered in 1937-38] ASSISTANT PROFESSOR LANNING

232. The Hispanic American Republics of the New World.—3 s.h. (w)
[Not offered in 1937-38] ASSISTANT PROFESSOR LANNING

233. The Cultural and Institutional History of Colonial Hispanic America.—3 s.h. (w) ASSISTANT PROFESSOR LANNING

234 Political and Social Problems in the Hispanic American Republics.—3 s.h. (w) ASSISTANT PROFESSOR LANNING

DEPARTMENTAL MAJOR

Prerequisites: The Introductory Course in History (1-2 or 51-52).

Major Requirements: Students in the General Group desiring to take a major in history are required to elect twenty-four semester-hours in the Department, including six semester-hours in the Senior year from courses in the 200 group. Students desiring to take the more advanced courses in American history should elect courses 91-92 in the Sophomore or Junior year.

DEPARTMENTAL HONORS PROGRAM

Students may become candidates for Honors in history who have passed with a grade of "B" or better courses 1-2 in the Freshman year, 91-92 in the Sophomore year, and by the end of the Junior year twelve semester-hours selected from the courses given in the 100 group.

In the Senior year, in addition to the equivalent of fifteen semester-hours of supervised reading in history, the candidate must elect with the approval of the Departmental Committee on Honors six semester-hours of work from the courses offered in the 200 group, on which he is required to make a grade of "B" or better, and sufficient related work in other departments not ex-

ceeding nine semester-hours in the Senior year to bring the total of history and related work exclusive of courses 1-2 and 91-92 but including the equivalent of fifteen semester-hours of supervised reading to a total of 48 semester-hours.

Of the supervised reading, which shall be done under the immediate supervision of members of the Departmental Committee on Honors, the equivalent of six semester-hours shall be devoted to the classical historians such as Herodotus, Thucydides, Tacitus, Livy, Bede, the better known chroniclers, Machiavelli, Gibbon, Hume, Voltaire, Ranke, and others; the equivalent of nine semester-hours shall be devoted to selected fields in either American or European history as the student may elect and the Departmental Committee advise.

At the conclusion of the work the student shall be given an oral examination by a committee of three, consisting of the two members of the Departmental Committee on Honors in charge of his supervised reading and another member of the Department selected by the Departmental Committee.

LATIN AND ROMAN STUDIES

PROFESSORS ROSBOROUGH AND —————; ASSISTANT
PROFESSOR GATES; AND MR. ROSE

Work is offered in several branches of Roman Studies: Latin Language and Literature, Roman Art and Archaeology, Ancient History, Roman Law. Students who present two entrance credits in Latin should take course 3-4; those who present three entrance credits should take courses 57 and 15, following up with course 4 the second semester; those who enter with four units of Latin should register for course 41-42. (*A beginner's course, 1-2, will be offered in case of sufficient demand.*) All Latin courses are open to both men and women on either campus.

3. Cicero's Orations.—Four orations including the *Manilian Law* and *Archias*, with attention to prose style. Prerequisite: two units of entrance Latin. 3 s.h. ASSISTANT PROFESSOR GATES

4. Vergil's Aeneid.—Selections from Books I-VI, to the amount of four books, will be read and translated, due attention being paid to prosody. Prerequisite: three entrance units and Latin 57 taken in the semester preceding admission to the course, unless Latin 3 was taken. 3 s.h. ASSISTANT PROFESSOR GATES

15-16. Latin Prose Composition.—Recommended to students who are pursuing courses 3-4, 57, and 41-42. 2 s.h. MR. ROSE

41. Roman Comedy.—Plautus and Terence.—3 s.h. (w)

Selected Latin Prose Writers, or Cicero: *De Senectute* and *De Amicitia* may be substituted. 3 s.h. (E) THE STAFF

42. Horace.—The Odes and Epodes. 3 s.h. (w & E) THE STAFF

53. Sallust and Tacitus.—The *Jugurtha* of Sallust, the *Agricola* of Tacitus. Prerequisite: Latin 41-42 or an equivalent. 3 s.h. MR. ROSE

54. Catullus.—Most of the poems will be read, and Catullus's influence on certain ancient and modern poets will be discussed. 3 s.h. MR. ROSE

57. Sight Reading in Classical Latin.—One afternoon period of an hour and a half per week through the first semester devoted to practice in the reading of Latin of the classical period; designed to train students to read

with facility. Recommended also for students entering with three units of Latin as preparation for beginning Vergil the second semester. *No outside preparation required.* 1 s.h. THE STAFF

58. Sight Reading in Mediaeval Latin.—One afternoon period of an hour and a half per week through the second semester devoted to reading interesting mediaeval prose and poetry. Prerequisite: at least one of the following courses: 3, 4, 41, 42, and 57. *No outside preparation required.* 1 s.h.

PROFESSOR ROSBOROUGH

59. Roman Law.—

[Not offered in 1937-38]

101-102. Tacitus and Suetonius; Juvenal and Persius.—

[Not offered in 1937-38]

103. The Roman Elegiac Poets.—

[Not offered in 1937-38]

104. Horace: The Satires and Epistles.—

[Not offered in 1937-38]

105. Martial: Epigrams.—The development of the epigram before him; his significance in the history of the epigram and for the age of Domitian; his influence traced down into the modern world. 3 s.h. (w)

PROFESSOR ROSBOROUGH

106. Letters of Pliny the Younger.—Study of the society and institutions of his time. 3 s.h. (w)

PROFESSOR ROSBOROUGH

107. Livy: *Ab Urbe Condita*.—Books I, XXI, and XXII entire. 3 s.h.

ASSISTANT PROFESSOR GATES

108. Cicero's Letters.—A considerable amount of the interesting and important correspondence of Cicero will be read. 3 s.h.

ASSISTANT PROFESSOR GATES

109. Materials and Methods Course.—

[To be offered 1938-39]

111-112. Roman Literature in English Translation.—A survey of Rome's literature and literary men studied through the best English translations: drama, epic, history, biography, lyric, elegy, satire, epistle, epigram, rhetoric, oratory, law, science, and philosophy. For students who need an acquaintance with Rome's influence and contribution to world literature. *No knowledge of Latin is required.* 3 s.h. per semester. 6 s.h.

PROFESSOR ROSBOROUGH

113-114. Roman Civilization.—[Not offered in 1937-38]

115. The Architecture of Ancient Rome.—[Not offered in 1937-38]

131-132. History of Rome.—A survey of the history of Rome from its beginnings through the monarchy, republic, and principate to the death of Justinian: Rome's expansion; development of the Roman constitution and public administration; a study of important features of social, legal, political, and economic problems of perennial life and interest. (This course carries no language credit.) 6 s.h. (w)

PROFESSOR —————

203-204. **Epic Poetry.**—A study of this literary genre, and its development by Roman writers; considerable reading of the Roman epics. **6 s.h. (E)**

ASSISTANT PROFESSOR GATES

For other courses numbered 200 and above, see the Bulletin of the Graduate School.

DEPARTMENTAL MAJOR

Prerequisites: Latin 41-42, 15-16, or acceptable equivalents.

Major Requirements: Latin 53-54, 101-102; six semester-hours in courses numbered from 103 to 108; and six semester-hours in courses numbered from 200 to 299, to be taken in the Senior year.

In addition, all majors are expected to pursue course 131-132, History of Rome.

LAW COURSES FOR ACADEMIC STUDENTS

PROFESSORS BOLICH, FULLER, MAGGS, POTEAT; ASSISTANT
PROFESSOR SANDERS, AND MR. ROALFE

The first-year program of the Law School is as follows:

L.201. Introduction to Procedure.—2 s.h. PROFESSOR BOLICH

L.203-204. Contracts and Quasi-Contracts.—7 s.h. PROFESSOR FULLER

L.205-206. Criminal Law and Its Administration.—4 s.h.
ASSISTANT PROFESSOR SANDERS

L.208. Chattel Transactions.—3 s.h. PROFESSOR POTEAT

L.210. Possessory Estates.—2 s.h. PROFESSOR BOLICH

L.211-212. Torts.—6 s.h. PROFESSOR MAGGS

Legal Bibliography.—1½ s.h. MR. ROALFE

Orientation.—½ s.h.

MATHEMATICS

PROFESSORS ELLIOTT, RANKIN, AND THOMAS; ASSOCIATE PROFESSOR GERGEN; ASSISTANT PROFESSORS ALDRIDGE, CARLITZ, HICKSON, MARIA, MILES, PATTERSON, ROBERTS; MESSRS. DRESSER AND GREENWOOD; AND ASSISTANTS

Courses 1 and 2 are the traditional Freshman courses in college algebra and trigonometry. Students preferring a unified course in elementary mathematics to the traditional plan of studying the elementary subjects separately should take course 3-4 instead of courses 1 and 2. Course 3-4 is required of students in the Business Administration and Premedical Groups. A Freshman who has had some trigonometry and a good high-school record in algebra should take course 7. Additional credit will not be given in Freshman courses which duplicate in content, and the office should always be consulted about this before registration. Students found deficient in elementary algebra may be required to review this before registering for course 1, 2, 3, or 9.

1. College Algebra.—Each semester. 3 s.h. (W & E) STAFF

2. Plane Trigonometry.—Each semester. 3 s.h. (W & E) STAFF

3-4. Elementary Mathematical Analysis.—A unified course treating elementary topics in mathematics. Math. 3, 3 s.h., and Math. 4, 3 s.h. (W & E) STAFF

7. Algebra and Trigonometry.—This course is a treatment of the essentials of algebra and trigonometry. Open to students approved by the Department. **3 s.h. (w & E)** STAFF

9-10. Engineering Mathematics.—This course, given for engineering Freshmen and other students who desire to take more than 6 hours of mathematics in their Freshman year, includes college algebra, plane trigonometry, and plane and solid analytic geometry. **10 s.h. (E)** STAFF

50. Plane and Solid Analytic Geometry.—*Each semester.* Prerequisites: courses 1 and 2, or 3-4. **4 s.h. (w & E)** STAFF

55. Differential Calculus.—*Each semester.* Prerequisite: course 50. **(w & E)** STAFF

71. Mathematics of Investment.—An elementary course dealing with simple and compound interest, annuities certain, amortization, sinking funds, depreciation, evaluation of bonds, and life insurance; primarily for students in business administration. Prerequisite: 6 hours of college mathematics. This course does not count toward a major in mathematics. **3 s.h. (w)** STAFF

74. Statistics.—An elementary course in statistics primarily for students in business administration. Prerequisite: 6 hours of college mathematics. This course does not count toward a major in mathematics. **3 s.h. (w)** STAFF

100. Integral Calculus.—*Each semester.* Prerequisites: courses 50 and 55. **4 s.h. (w & E)** STAFF

125. First Course in Theory of Equations and Determinants.—Prerequisite: course 55. **3 s.h. (w)** STAFF

128. Elementary Number Theory.—A study of elementary properties of integers; operations with respect to a modulus; theorems of Fermat and Wilson. Prerequisite: course 100. **3 s.h. (w)** STAFF

131. First Course in Differential Equations.—A study of the more common types of ordinary differential equations. Prerequisite: course 100. **3 s.h. (w)** STAFF

159. Elementary Course in Analytic Geometry of Space.—The usual topics treated in Cartesian and homogeneous co-ordinates. Prerequisite: course 55. **3 s.h. (w)** STAFF

161-162. Reading Course for Juniors.—Open only to Juniors reading for Honors. Credit arranged within general limitations stated for this group. STAFF

163-164. Reading Course for Seniors.—Open only to Seniors reading for Honors. Credit arranged within general limitations stated for this group. STAFF

FOR SENIORS AND GRADUATES

Not all the courses listed below will be given every year.

201. History of Mathematics.—This course deals with the evolution of the following topics: number system, arithmetic, geometry, algebra, trigonometry, analytical geometry, calculus, modern geometry. Brief sketches of the lives of the builders of mathematics will be given. **3 s.h. (w)**

PROFESSOR RANKIN

204. The Teaching of Mathematics.—A study of the fundamental processes in mathematics, the literature on mathematics, methods of study, content of courses, special features, applications, correlation of different branches of mathematics. Prerequisite: course 100 unless the two are taken simultaneously. 3 s.h. (w) PROFESSOR RANKIN

207. Fundamental Concepts of Algebra and Geometry.—This course deals with the concepts: number, variable, function, limit, group, symbolism, definition, postulate, axiom, proposition, space, and proof. Prerequisite: course 100. 3 s.h. (w) PROFESSOR RANKIN

225. Theory of Equations and Determinants.—The content of this course is similar to that of 125, but the course is designed for more advanced students. Prerequisite: course 55. 3 s.h. (w) STAFF

226. Galois Theory of Equations.—The notion of a field. Properties of finite groups. The group of an equation over a field. Criteria for solvability by means of radicals. Prerequisite: course 225. 3 s.h. (w)

ASSISTANT PROFESSOR CARLITZ

228. Number Theory.—The content of this course is similar to that of 128, but the course is designed for more advanced students. Prerequisite: course 100. 3 s.h. (w) ASSISTANT PROFESSOR ROBERTS

229-230. Theory of Algebraic Numbers.—Ideals and unique factorization. Divisor of the discriminant. Determination of the class number. Prerequisite: course 225. 6 s.h. (w) ASSISTANT PROFESSOR CARLITZ

231. Differential Equations.—The content of this course is similar to that of 131, but the course is designed for more advanced students. Prerequisite: course 100. 3 s.h. (w) STAFF

235-236. Modern Higher Algebra.—A study of linear dependence, solution of a set of linear equations. Study of matrices, linear transformations, invariants of linear transformations, bilinear forms. Prerequisite: course 55. 6 s.h. (w) PROFESSOR THOMAS

239-240. Advanced Calculus.—This course is a study of the processes of the calculus, their meanings and applications. It is designed to furnish a necessary preparation for advanced work in analysis and applied mathematics. Prerequisite: course 100. 6 s.h. (w) PROFESSOR ELLIOTT

250. Modern Geometry.—Modern geometry of the triangle, transversals, harmonic sections, harmonic properties of the circle, inversions, poles, polars, etc. Valuable to teachers of high-school geometry. Prerequisite: course 55. 3 s.h. (w) PROFESSOR RANKIN

252. Non-Euclidean Geometry.—An introduction to the geometry of Bolyai and Lobachevsky. Prerequisite: course 100. 3 s.h. (w)

ASSISTANT PROFESSOR ROBERTS

255-256. Projective Geometry.—The elements of projective geometry treated synthetically. Introduction to homogeneous coordinates with application to projective geometry. Study of different types of collineations. Prerequisite: course 55. 6 s.h. (w) PROFESSOR THOMAS

259. Analytic Geometry of Space.—The content of this course is similar to that of 159, but the course is designed for more advanced students. Prerequisite: course 55. 3 s.h. (w) PROFESSOR ELLIOTT

275. Probability.—Introductory course. Combinatory analysis, mean values, Bernoulli's theorem, the probability integral, statistics. Prerequisite: course 100. 3 s.h. (w)
ASSISTANT PROFESSOR MILES

280. Fourier's Series and Spherical Harmonics.—The properties of Fourier's series and spherical harmonics with application to problems of mathematical physics. *Either semester.* Prerequisite: course 100. 3 s.h. (w)
ASSOCIATE PROFESSOR GERGEN

281. Elementary Potential Theory.—Fields of force; Newtonian potentials due to volume and to surface distributions. Primarily for students who are interested in mathematical physics. Prerequisite: course 100. 3 s.h. (w)
ASSISTANT PROFESSOR MILES

284. Vector Analysis.—This course is a study of the different vector products and the calculus of vectors, with applications to geometry and mechanics. Prerequisite: course 100. 3 s.h. (w)
PROFESSOR ELLIOTT

287. Mathematical Logic.—Boolean algebra. The Boole-Schröder algebra of logic. The system of Principia Mathematics. Strict and material implication. 3 s.h. (w)
ASSISTANT PROFESSOR CARLITZ

288. Foundations of Mathematics.—A study of systems of postulates for groups, fields, rings, Boolean algebras. 3 s.h. (w)
ASSISTANT PROFESSOR CARLITZ

DEPARTMENTAL MAJOR

Prerequisites: Six semester-hours of Freshman mathematics.

Major Requirements: Courses 50, 55, 100, or their equivalents, and twelve semester-hours in courses numbered above 100. These twelve hours must be approved by the Department.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Six semester-hours of Freshman mathematics, courses 50 and 55, or their equivalents, with an average grade of "B" or better.

Candidates for Honors in mathematics should have a practical reading knowledge of French and German. A deficiency in either should be made up, if possible, during the Junior year.

Honors Work:

(a) Course Requirements in the Major Subject: During the Honors program a candidate must complete, with an average of "B" or better, a minimum of eighteen semester-hours from the regular courses in the catalogue numbered 100 or above, and at least six of these eighteen hours must be in courses numbered 200 or above. These courses must be approved by the Department.

(b) Tutorial Requirements: During the Honors program a candidate will be assigned readings in special topics under the personal supervision of a tutor. Consultations, reports, and examinations on these readings will be assigned by the tutor. This tutorial work will count from 6 to 10 semester-hours toward graduation.

(c) Course Requirements in Related Work: A minimum of 15 semester-hours must be taken in other departments approved by the major department.

The Department may approve the remainder of the 49 hours in either (a) or (c).

General Honors Examination: At the end of the Senior year each candidate reading for Honors in mathematics must take a comprehensive examination on his Honors program. This examination may be written, oral, or both. Faculty members from other departments or other institutions may be invited to participate in this examination.

MUSIC

MR. BROADHEAD

63. History of Music to Beethoven.—Study of the development of music from its origins through the primitive, ancient, medieval, polyphonic, and classic periods; showing the evolution of our present system of tonality. Illustrated. Not open to Freshmen. Open to men and women. 3 s.h. (E)

MR. BROADHEAD

64. History of Music from Beethoven to the Present.—The romantic and post-romantic periods of the nineteenth century. Music in America. Twentieth-century tendencies. Illustrated. Not open to Freshmen. Open to men and women. 3 s.h. (E)

MR. BROADHEAD

111-112. Harmony.—An appreciation of harmonic structure through practice in composition. Notation, scales, intervals, triads, chords of the seventh; harmonization of melodies, figured and unfigured basses; modulation, ornaments. The elements of form; the construction of original works in the simpler forms for voices and instruments. Open to men and women with the approval of the instructor. 6 s.h. (E)

MR. BROADHEAD

PHILOSOPHY

PROFESSORS WIDGERY AND GILBERT; ASSOCIATE PROFESSOR MORGAN;
ASSISTANT PROFESSOR ———; AND DR. McLARTY

*For courses marked * there is a prerequisite of three hours, and those marked † six hours of philosophy: admission otherwise by permission of the instructor. Sophomores may in general take courses prescribed for Juniors by permission of the instructor.*

98. Introduction to Ethics.—An elementary consideration of some of the important moral problems in the light of philosophical tradition and the science of values. Sophomores and approved Freshmen. First semester (w). Second semester (E). 3 s.h.

PROFESSOR GILBERT AND ASSOCIATE PROFESSOR MORGAN

101. Introduction to Philosophy.—This course is intended to acquaint the student with the nature of philosophical problems. First semester (w) and (E). Second semester (w). 3 s.h.

(w) PROFESSOR WIDGERY AND DR. McLARTY
(E) PROFESSOR GILBERT

103. Logic.—A practical course of training in logical thinking and systematic exposition.

ASSISTANT PROFESSOR ———

104. Scientific Methodology.—A survey of the methods used in the different branches of the natural and social sciences in seeking and testing knowledge.

ASSISTANT PROFESSOR ———

105. Introduction to the History of Philosophy: Ancient and Medieval.—A study of the great philosophical thinkers with special reference to the problems of a philosophy of human life. 3 s.h. (w)

DR. McLARTY

106. Introduction to the History of Philosophy: Modern.—A study of the great philosophical thinkers with special reference to the problems of a philosophy of human life. 3 s.h. (w)

PROFESSOR WIDGERY

108. Philosophical Ideas in Ancient Greek and Roman Culture.—

[Not offered in 1937-38]

DR. McLARTY

109-110. Plato.—*Apology*, *Crito*, and selections, together with collateral reading in the *Memorabilia* of Xenophon and in the *Clouds* of Aristophanes. **Euripides.**—One play, to serve as an introduction to Greek tragedy. **6 s.h.**
(w) Greek 107-108. ASSISTANT PROFESSOR WAY

111. Seventeenth-Century Philosophy, with Special Reference to Spinoza.*— PROFESSOR GILBERT

112. The Development of American Philosophy.*—

ASSOCIATE PROFESSOR MORGAN

FOR SENIORS AND GRADUATES

201-202. The Philosophy of Art.—Study of the various phases of the aesthetic experience and forms of beauty with analysis of examples. Particular attention will be given to recent writers on aesthetics. **6 s.h.** (E)
PROFESSOR GILBERT

203. The Philosophy of Conduct.—A critical study of the fundamental problems of ethics. **3 s.h.** (w)† ASSOCIATE PROFESSOR MORGAN

204. Christian Ethics.—A historical and systematic study of Christian conceptions of the moral life and its problems. **3 s.h.** (w)* DR. McLARTY

205. The Philosophy of History.—An inquiry into the logic and methodology of the knowledge of history, and into the metaphysical implications of history. **3 s.h.** (w) PROFESSOR WIDGERY
[Not offered in 1937-38]

206. Modern Political Theory.—Political theories of the seventeenth, eighteenth, and nineteenth centuries, with a study of their influence upon modern political institutions. **3 s.h.** (w) Political Science 224.
PROFESSOR WILSON

207. Political Thought to the Seventeenth Century.—A survey of political thought from the time of Plato to the close of the sixteenth century, with emphasis upon concepts of continuing importance. **3 s.h.** (w) Political Science 223.
PROFESSOR WILSON

208. Political Philosophy.—A critical investigation of the bases of political authority and of the ideals of political organization, with reference to prevalent political systems. **3 s.h.** (w) ASSOCIATE PROFESSOR MORGAN

209-210. The Philosophy of Religion.—A critical consideration of the data of empirical religion and the constructive development of a modern philosophy of religion. **6 s.h.** (w) PROFESSOR WIDGERY

212. Psychology of Belief.—2 s.h. (w) Psychology 228.

ASSOCIATE PROFESSOR LUNDHOLM

213-214. History of Aesthetics.—The tracing of the historical solutions of traditional problems, such as the nature of imitation, symbolism, the ugly, the sublime, and the comic, the relation of art to nature, to morals, and to economics, the relation of the particular arts to each other, the standard of taste. **6 s.h.** (E)
PROFESSOR GILBERT

215-216. Plato.—*Symposium*, *Protagoras*, and parts of the *Republic*. **6 s.h.**
(w) Greek 209-210. ASSISTANT PROFESSOR WAY

217. The Philosophy of Aristotle.*—Prerequisite: course 105.

DR. McLARTY

219-220. The Age of the Renaissance.—A survey of social and cultural changes in Western Europe from Dante to Erasmus. **6 s.h. (w)** History
221-222. ASSISTANT PROFESSOR NELSON

222. Philosophical and Psychological Problems of Critical Personalism.—2 s.h.

PROFESSOR STERN

223. Contemporary Philosophy.—A study of the leading philosophical movements in Europe and America in the last fifty years. **3 s.h. (w)†**

PROFESSOR WIDGERY

226. The History of Ethics.—Theories of morality from Socrates to the present time. **3 s.h. (w)***

ASSOCIATE PROFESSOR MORGAN

227. Fundamental Concepts of Mathematics.—

DR. CARLITZ

228. Mathematical Logic.—

DR. CARLITZ

229-230. Contemporary Physics.—A course which covers in a descriptive manner the fundamental concepts and experimental basis of modern theories of the structure of matter. **6 s.h. (w)** Physics 213-214.

ASSISTANT PROFESSORS NIELSEN AND CONSTANT AND DR. MOUZON

231-232. Philosophy of Science.—A historical and critical survey of the relations of natural science to general philosophy.

ASSISTANT PROFESSOR —————

234. Introduction to the Philosophy of Education.—3 s.h. (w)

PROFESSOR HOLTON

DEPARTMENTAL MAJOR

The student is required to take courses amounting to at least eighteen credit hours in the Department. Of these six must be Philosophy 105-106, Introduction to the History of Philosophy; and six must be from courses in the 200 series. The student is advised to consult with an instructor in the Department as to the courses most suitable to fit in his general plan of study.

DEPARTMENTAL HONORS PROGRAM

a. For admission to candidacy for Honors in philosophy, the student at the close of his Sophomore year must have obtained in that year grades of "A" or "B" in courses which in the judgment of the Departmental Committee justify his admission as a candidate for Honors in philosophy.

b. Candidates for Honors shall complete the following program of work: six credit hours in the following subjects: 1. Introduction to Philosophy; 2. Introduction to the History of Philosophy; 3. Logic and Scientific Methodology; 4. Philosophy of Conduct and Christian Ethics; 5. Aesthetics; or Philosophy of History and Political Philosophy; or Philosophy of Religion. By permission of the Departmental Committee a student may substitute for some of the above-mentioned courses others from the departmental list of courses which may in the opinion of the Committee be more suitable in his individual case.

c. Candidates must complete courses totaling not less than six credit hours in one of the following fields; such courses to be in the 200 series: mathematics, physics, biology, psychology, sociology, economics, political science, psychology of religion.

d. Candidates will be allowed thirteen credit hours for directed and supervised reading around a special subject upon which an essay must be prepared for submission not later than May 15 of the year of graduation.

e. Candidates will be given a comprehensive examination sometime in the latter half of May in the year of graduation; such examination to be five three-hour papers upon subjects selected from those mentioned above, such selection to be by the particular Honors supervisor in consultation with the student.

PHILOSOPHY IN DIVISIONAL HONORS

Philosophy is included in the programs for Divisional Honors in:

(A) Humanities (with English Literature and Fine Arts).

(B) Social Sciences (with Economics and Political Science).

For details concerning these Divisional Honors, see pages 52-55.

The philosophical section will include supervised readings and tutorial instruction, as follows:

(A) The Humanities:

(1) Greek Philosophy.

(2) Aesthetics.

MR. McLARTY
PROFESSOR GILBERT

(B) The Social Sciences:

(1) Ethics.

(2) Social Philosophy.

MR. McLARTY
ASSOCIATE PROFESSOR MORGAN

PHYSICS

PROFESSORS EDWARDS AND HATLEY; ASSISTANT PROFESSORS CONSTANT AND NIELSEN; MESSRS. CARPENTER AND MOUZON; AND ASSISTANTS

The first course in physics deals largely with those fundamental facts and theories concerning the physical universe that are supposed to be of interest to every intelligent person, and the matter presented is within the comprehension of every college student.

The courses in physics after the first year are designed to meet the needs of three classes of students: (1) those desiring to specialize in physics with a view to work in teaching or investigation; (2) those intending to pursue the study of medicine, biology, or chemistry; (3) those looking forward to the study of engineering. The work of the first year is designed to lay a broad foundation for subsequent study.

An elementary knowledge of the calculus and credit for 12 semester-hours in physics is required in all courses numbered 200 and above.

1-2. Introductory Physics.—This course traces historically and experimentally the development of great principles. It stresses neither mathematical processes nor exact measurements. This course is open to Freshmen, Sophomores, and Juniors and meets the general science requirement. Three-hour recitation and two-hour laboratory. **8 s.h.**

PROFESSORS EDWARDS AND HATLEY; DR. CARPENTER; AND ASSISTANTS

51-52. General Physics.—This course is designed for Sophomores and Juniors. It meets in a thorough way the requirements for entrance into the study of medicine and is well suited for the general science student. A limited number of Freshmen who present physics for entrance and who are taking the required mathematics concurrently may be admitted by permission of the instructor. Three lectures and two laboratory periods each week. Prerequisites: Mathematics 1-2 or 3-4 or the equivalent. **10 s.h.**

PROFESSOR HATLEY; DR. CARPENTER; AND ASSISTANTS

57-58. Physics for Engineers.—A course in general physics which gives special emphasis to engineering problems. Open to Sophomores who have completed trigonometry. Four-hour recitation and three-hour laboratory. **10 s.h. (E)** DR. MOUZON AND ASSISTANT

59. Elementary Atomic Physics.—A lecture course dealing in a descriptive manner with modern developments in physics. Prerequisite: a year course in general college physics. **3 s.h. (w)** ASSISTANT PROFESSOR NIELSEN

60. Optics and Optical Instruments.—The fundamental principles of optics and radiation are covered in a more advanced manner than in General Physics. Stress is placed on the theory and operation of optical instruments generally used in the study of medicine and the other sciences. Radiation, covering infra-red, ultra-violet, and X-rays, is studied. Prerequisite: a year course in general college physics. **3 s.h. (w)** PROFESSOR EDWARDS

61. Mechanics.—This course covers in a thorough manner the more advanced phases of mechanics which do not require the use of the calculus. Special emphasis is placed on the solutions of problems in mechanics. Prerequisite: a year course in general college physics. **3 s.h. (w)** DR. CARPENTER

62. Heat.—This course covers the principles of heat in a more thorough manner than is possible in general physics and is a preparation for more advanced courses in the study of heat. Prerequisite: a year course in general physics. **3 s.h. (w)** DR. CARPENTER

64. Teachers' Physics.—This course is designed primarily for those intending to teach physics in secondary schools. Enough advanced theory is covered to give some perspective, but special emphasis is placed on a study of method, everyday application of principles, construction of apparatus, the mounting of classroom experiments and general laboratory technique. Prerequisite: Physics 1-2. **3 s.h. (w)** DR. CARPENTER

103. Electricity and Magnetism.—An intermediate course covering electrostatics, magnetostatics, current theory, electromagnetism and electron theory, with numerous problems designed to give a thorough familiarity with the subject. Prerequisite: a year course in general college physics. **3 s.h. (w)** ASSISTANT PROFESSOR CONSTANT

104. Electrical Measurements.—Exact measurements of resistance, current, voltage, inductance and capacity. A fundamental course in electrical engineering or course 103 is a prerequisite. One lecture and two three-hour laboratory periods per week. **3 s.h. (w)** ASSISTANT PROFESSOR NIELSEN

203-204. Analytical Mechanics.—Geometry of motion; kinematics of a particle and of a rigid body; statics; relative motion; general principles of mechanics. **6 s.h. (w)** DR. MOUZON

205-206. Physical Optics.—This course deals with interference diffraction, polarization, absorption, dispersion; in general it will cover those topics treated in a text such as Wood's *Physical Optics*. Two lectures and one three-hour laboratory period per week. **6 s.h. (w)** PROFESSOR HATLEY

211. History of Physics.—A rapid review of the fundamental laws of physics developed from the historical point of view. **2 s.h. (w)** PROFESSOR EDWARDS

213-214. Contemporary Physics.—A course which covers in a descriptive manner the fundamental concepts and experimental basis of modern theories of the structure of matter. **6 s.h. (w)** ASSISTANT PROFESSOR CONSTANT

215-216. Atomic Physics Laboratory.—Some of the more important experiments which form the basis of modern atomic theory. Special emphasis is placed on experimental technique, valuable in original physical investigations. 2 s.h. (w) ASSISTANT PROFESSOR NIELSEN AND DR. MOUZON

217-218. Advanced General Physics Laboratory.—Exact measurements involving the fields of mechanics, electrical measurements, heat, and pyrometry. 2 s.h. (w) ASSISTANT PROFESSOR NIELSEN AND DR. MOUZON

221-222. Introduction to Theoretical Physics.—Lectures and problems on the fundamental principles and mathematical theory of the general field of physics, constituting a thorough foundation for subsequent specialization and more intensive study. 6 s.h. (w) ASSISTANT PROFESSOR CONSTANT

DEPARTMENTAL MAJORS

A. For the degree of A.B.

Prerequisites: Physics 1-2 or 51-52 or 57-58 and Mathematics 1-2 or 3-4 or the equivalent.

Major Requirements: The student must have 12 s.h. from Physics 59, 60, 61, 62, 103, 104 and must complete 203-204 and 213-214.

B. For the degree of B.S.

Prerequisites: Physics 1-2 or 51-52 or 57-58 and Mathematics 1-2 or 3-4 or the equivalent and Chemistry 1-2.

Major Requirements: The student must have 6 s.h. from Physics 59, 60, 61, 62, 103, 104 and must complete 213-214, 215-216, and 221-222.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Physics 1-2 or 51-52 or 57-58; Chemistry 1-2 and Mathematics 1-2 or 3-4 or the equivalent.

Honors Work: Physics 103-104, 215-216, and 221-222; Mathematics 55-100 and either a course in geology or an advanced course in chemistry, botany, zoology or a mathematics course beyond integral calculus.

In addition, the student will arrange with his Adviser for the performance of a limited number of elementary physical investigations. This will consist of both readings and experimental work which in general will constitute a survey of the classical and modern aspects of physics. The credit allowed for this may range from 9 to 10 hours depending upon the amount and quality of the work done.

At the end of both the Junior and Senior years the student will be given both an oral and a written examination in the field of physics.

POLITICAL SCIENCE

PROFESSORS WILSON AND RANKIN; ASSISTANT PROFESSOR COLE;
DRS. GIBSON AND SIMPSON, AND MR. SEARCY

21. Principles of Government.—An introductory study of the principles and problems of government in general. Elective for Freshmen. 3 s.h. (w & e) DR. GIBSON AND DR. SIMPSON

22. Governmental Problems in International Relations.—An introductory study of current problems of international co-operation in relation to national policies of major powers. Elective for Freshmen. 3 s.h. (w & e) DR. GIBSON AND DR. SIMPSON

61-62. American Government and Politics.—A study of the American political system, including the organization and functioning of national, state, and local government in the United States. **6 s.h. (w & e)**

PROFESSORS WILSON AND RANKIN; ASSISTANT PROFESSOR COLE;
DR. GIBSON, DR. SIMPSON, AND MR. SEARCY

Course 61-62 is ordinarily taken before any advanced course in political science. Students who have had course 61-62 or its equivalent may be admitted to advanced courses in the Department only with the approval of the instructors concerned.

125. American Political Parties and Practical Politics.—A study of the historical development, organization, and methods of political parties in the United States. **3 s.h. (w)** ASSISTANT PROFESSOR COLE

136. Major European Governments and Japan.—A study of the organization and functioning of the governments of Great Britain, France, Germany, Italy, Russia, and Japan. **3 s.h. (w)** ASSISTANT PROFESSOR COLE
[Not offered in 1937-38]

164. Government Control of Railroads.—A comparative study of government ownership, operation and regulation of railroads in certain modern states, with primary attention to the powers, activities and inter-relationships of regulatory bodies in the United States. **3 s.h. (w)**

ASSISTANT PROFESSOR COLE

207. American Constitutional Law and Theory.—A study of leading principles of American Government, as developed through judicial interpretation of the Constitution. **3 s.h. (w)** PROFESSOR WILSON

209. State and Local Government in the United States.—A study of the historical development of state and local governments, their present organization, their relation to each other and to the federal government. **3 s.h. (w)**

PROFESSOR RANKIN

223. Political Thought to the Seventeenth Century.—A survey of political thought from the time of Plato to the close of the sixteenth century. **3 s.h. (w)**

PROFESSOR WILSON

224. Modern Political Theory.—Political theories of the seventeenth, eighteenth, and nineteenth centuries, with a study of their influence upon modern political institutions. **3 s.h. (w)**

PROFESSOR WILSON

225-226. Comparative Government.—A comparative study of modern political institutions, with special reference to bureaucracy, federalism, fascism, dictatorship, constitutions, representation, parliamentarism, and separation of powers. **6 s.h. (w)**

ASSISTANT PROFESSOR COLE

227-228. International Law and International Organization.—Elements of international law, and a study of certain international organizations from the point of view of their significance for international law. **6 s.h. (w)**

PROFESSOR WILSON

230. American Political Institutions.—A study of the formation and development of institutions of the national government in the United States, with historical and analytical treatment. **3 s.h. (w)**

PROFESSOR RANKIN

[Not offered in 1937-38]

291. Municipal Government.—A study of general problems relating to the structural system and activities of municipalities in the United States. **3 s.h. (w)**

PROFESSOR RANKIN

292. Municipal Administration.—A study of principles and methods of municipal administration in the United States. 3 s.h. (w)

PROFESSOR RANKIN

DEPARTMENTAL MAJOR

Prerequisite: Political Science 61-62.

Major Requirements: Eighteen semester-hours of work in the Department above Course 61-62, including twelve semester-hours in Senior-Graduate courses. Courses 21 and 22 may not be counted toward a major.

HONORS WORK

The Departments of Political Science, Economics, and Philosophy form an Honors Group within the Division of the Social Sciences. For the details of this program, the student should consult pages 52-55.

Honors readings in political science are as follows:

Comparative Government.—The theory and practice of modern European dictatorships and democracies.

ASSISTANT PROFESSOR COLE

Political Theory.—A consideration of political theory from the French Revolution to the present, with particular reference to American contributions.

ASSISTANT PROFESSOR COLE

Government Regulation of Industry.—A consideration of various problems, primarily legal and administrative, involved in the governmental regulation of industry in the United States.

STAFF

PSYCHOLOGY

PROFESSORS MCDUGALL AND STERN; ASSOCIATE PROFESSORS LUNDHOLM AND RHINE; ASSISTANT PROFESSORS ADAMS AND ZENER; DR. PRATT

***101. Introduction to Psychology: General Principles of Mental Activity.**—3 s.h.

Section 1 and 2 (w), fall semester.

PROFESSOR MCDUGALL AND ASSOCIATE PROFESSOR LUNDHOLM

Section 3 (E), spring semester.

DR. PRATT

102. Introduction to Psychology: With Special Reference to the Life and Growth of Intellect.—This course is supplementary to 101. 3 s.h. (w)

ASSISTANT PROFESSOR ZENER

104. Comparative Psychology.—3 s.h. (w)

ASSISTANT PROFESSOR ADAMS

107-108. Psychological Analysis of Prominent Characters in Literature.—Selected Seniors and Juniors only. 2 s.h. (w)

ASSOCIATE PROFESSOR LUNDHOLM

114. Psychology of Personality.—3 s.h. (w)

ASSOCIATE PROFESSOR RHINE

115. Introduction to Child Psychology.—3 s.h. (w)

ASSISTANT PROFESSOR ADAMS

201. Social Psychology.—2 s.h. (w)

PROFESSOR MCDUGALL

202. Psychology of Aesthetics.—3 s.h. (w)

ASSOCIATE PROFESSOR LUNDHOLM

* This course is a prerequisite for all other courses in psychology. It is not open to students of lower standing than Juniors, except Sophomores who have made an average grade of "B" or better.

205. **General Psychology (Selected Problems).**—3 s.h. PROFESSOR STERN
207. **Experimental Psychology.**—Experimental and theoretical contributions to the psychology of cognitive processes. 3 s.h. (w)
ASSISTANT PROFESSOR ZENER
210. **Advanced Laboratory Methods in Psychology, with Lectures.**—Seniors with permission of instructor. 4 s.h. ASSISTANT PROFESSOR ZENER
211. **Neurological Foundations of Behavior: A Comparative Study of the Structure and Function of the Nervous System in Relation to Behavior.**—Lectures and laboratory. Seniors with permission of instructor. 4 s.h.
ASSISTANT PROFESSOR ZENER
212. **Developmental Psychology.**—3 s.h. (w) PROFESSOR STERN
216. **Seminar in Comparative Psychology.**—2 or 3 s.h. (w)
ASSISTANT PROFESSOR ADAMS
217. **Gestalt Theory.**—3 s.h. (w) ASSISTANT PROFESSOR ADAMS
[Not offered in 1937-38]
219. **History of Psychology.**—2 s.h. (w) PROFESSOR McDOUGALL
[Not offered in 1937-38]
222. **Philosophical and Psychological Problems of Critical Personalism.**—2 s.h. (w) PROFESSOR STERN
223. **Abnormal Psychology.**—3 s.h. (w) ASSOCIATE PROFESSOR LUNDHOLM
224. **Laboratory Methods in Animal Psychology.**—3 s.h.
ASSISTANT PROFESSOR ADAMS
[Not offered in 1937-38]
226. **Contemporary Schools of Psychology.**—Graduates, and Seniors with permission of instructor. 3 s.h. (w) ASSISTANT PROFESSOR ZENER
[Not offered in 1937-38]
228. **Psychology of Belief.**—2 s.h. ASSOCIATE PROFESSOR LUNDHOLM

COURSES OFFERED IN OTHER DEPARTMENTS RELATED TO PSYCHOLOGY

- 313-314. **Psychology of Religion.**—Seminar. Theories of Self. 4 s.h. (w)
PROFESSOR HICKMAN
212. **Sociology.**—Child Welfare. 3 s.h. (w) PROFESSOR JENSEN
- 227-228. **Educational Psychology.**—Psychology of Learning. 3 s.h. (w)
ASSISTANT PROFESSOR EASLEY

DEPARTMENTAL MAJOR

Prerequisites: Zoology 1 and 2 or Botany 1 and 2, or equivalent courses in biology.

Major Requirements: Psychology 101 and fifteen hours of psychology in other courses, including not less than six semester-hours in Senior-Graduate courses.

Students proposing to major in psychology are advised to consult with some member of the Department before registering, or as soon as possible afterwards.

DEPARTMENTAL HONORS PROGRAM

A. For admission to candidacy for Honors in psychology, the student must have completed the following courses: Psychology 101,* Zoology 1 and 2 or Botany 1 and 2 or approved equivalents.

* May be taken as Summer School course at end of Sophomore year.

B. Candidates for Honors shall complete:

I. Courses in psychology (*in addition to Psychology 101*) amounting to 18 semester-hours, of which courses not less than 3 shall be Senior-Graduate courses.

II. The candidate shall concentrate, under the advice of a member of the Department, in one of the three following divisions: Humanities, Social Sciences, Natural Sciences.

III. The candidate shall be assigned by his Departmental Supervisor, special reading in some defined field of psychology, and toward the end of his Senior year shall submit to the Department a written thesis on some topic within the special field defined.

IV. Upon the completion of the above requirements to the satisfaction of the Departmental Committee, the candidate will, at the close of the Senior year, be admitted to the General Honors examination (partly oral, partly written) by the Committee. The examination will cover the whole field of psychology, with particular emphasis on the field in which the candidate has done special reading.

RELIGION

PROFESSORS MYERS, BRANSCOMB, CANNON, GARBER, HICKMAN,* ORMOND, RUSSELL, SMITH, AND SPENCE; ASSISTANT PROFESSORS CRUM AND STINESPRING;
DR. CLARK AND MRS. SPENCE

The courses approved to fulfill the requirement in Religion are: 1-2, 51-52, 101-102, 103-104, 161, 163, 169-170, 181-182, 203-204, 213-214, 215-216, 270, 275-276. Philosophy 203- (Philosophy of Conduct) 204 (Christian Ethics) may be taken to fulfill the requirement.

1. The English Bible.—Survey of the contents of the historical and prophetic books of the Old Testament with particular reference to the literary, historical, and religious values. Required of all students majoring in religion, and is open to others as an elective in the Freshman year. **3 s.h.**
(E & W) PROFESSORS MYERS AND ORMOND, ASSISTANT
PROFESSOR CRUM, AND MRS. SPENCE

2. The English Bible.—Study of the Psalms, wisdom literature, and the literature of the New Testament with special attention given to the literary, historical, and religious values. Required of all students majoring in religion, and is open to others as an elective in the Freshman year. **3 s.h.**
(E & W) PROFESSORS MYERS AND ORMOND, ASSISTANT
PROFESSOR CRUM, AND MRS. SPENCE

51. The History of the Hebrew People.—A study of the Hebrew people that gives attention to their political history, their religious and social institutions, their literary development, with special reference to their contributions to civilization. For Sophomores who have not had 1-2. **3 s.h.** (E & W)
PROFESSOR MYERS AND SPENCE, AND MRS. SPENCE

52. New Testament Literature.—A study of the literature of the New Testament, its historical background, and its religious value. For Sophomores who have not had 1-2. **3 s.h.** (E & W)
PROFESSOR MYERS AND SPENCE, AND MRS. SPENCE

101. The Social Teachings of the Prophets and Jesus.—A study of the social teachings of the Old Testament prophets and of the social ideals of Jesus as they appear in the four gospels. **3 s.h.** (W) PROFESSOR ORMOND

* Absent on leave, second semester, 1936-37.

102. The Christian Church in the Social Order.—This course will deal with the Christian Church in its service to society and its relation to other social institutions. 3 s.h. (w) PROFESSOR ORMOND

103. The Prophets of the Old Testament.—In this course a study is made of the history and nature of prophecy, with particular attention being given the messages of the outstanding pre-exilic literary prophets. 3 s.h. (w) PROFESSOR MYERS

104. The History and Religion of the Jews to the Roman Period.—The work in this course is based largely on exilic and post-exilic prophecy, the wisdom literature, and the earlier apocalyptic and apocryphal literature. 3 s.h. (w) PROFESSOR MYERS
[Not offered in 1937-38]

161. The Educational Work of the Church.—An introductory study of Christian education in the local church, including a treatment of aims, procedures, administrative relationships, personnel and curriculum. Directed to the needs of lay workers in the church. 3 s.h. (w) PROFESSOR SPENCE

163. Religious Education of Children.—An analysis of the religious life, interests and capacities of children; including a study of the problems, objectives, methods, and materials involved in teaching religion to children. Directed to the needs of the lay workers in the church. 3 s.h. (E) MRS. SPENCE

169. Character Problems.—Problems of youth in character building. 3 s.h. (w) ASSISTANT PROFESSOR CRUM

170. Religion and the Modern Home.—A study of the American home in its contemporary social and religious aspects. 3 s.h. (w) ASSISTANT PROFESSOR CRUM

181. The Nature and Early Development of Religion.—Introduction to the early history of religion, the beliefs and practices of the more primitive peoples, and the religious life of the ancient world. For Juniors and Seniors. 3 s.h. (w) PROFESSOR CANNON

182. Founders and Literatures of Great Religions.—Biographical and historical studies in the lives and times of Lao-tze, Confucius, Mahavira, Buddha, Nanak, Zoroaster, Mohammed, Jesus, and Paul, together with readings in the sacred writings of the worlds religions. For Juniors and Seniors. 3 s.h. (w) PROFESSOR CANNON

203-204. Introduction to the Old Testament.—The origin, literary form, and contents of the books of the Old Testament in their historical setting. 6 s.h. (w) ASSISTANT PROFESSOR STINESPRING

213-214. The Beginnings of Christianity.—A survey course dealing with the background, the beginnings, and the early history of Christianity. Special attention is given the creation of the literature of the New Testament. 6 s.h. (w) PROFESSOR RUSSELL

SR.215. The Life of Jesus.—A study of the life of Jesus as recorded in the Synoptic Gospels. 3 s.h. (w) PROFESSOR MYERS

SR.216. The Teaching of Jesus.—An interpretation of the teaching of Jesus as recorded in the Synoptic Gospels. 3 s.h. (w) PROFESSOR MYERS
[Not offered in 1937-38]

SR.270. Masterpieces of Great Religious Literature.—This course is devoted to the religious thought in the literature from the second to the twentieth centuries, with special attention given modern religious poetry. 3 s.h. (w) PROFESSOR SPENCE

275. Introduction to the Psychology of Religion.—Study of the major factors of religious experience, together with conditions bearing upon its genesis and growth. 3 s.h. (w) PROFESSOR HICKMAN

276. Advanced Psychology of Religion.—Psychological study of such problems as worship, prayer, and various types of belief. Some attention to special problems. Prerequisite: course 275 or its equivalent. 3 s.h. (w) PROFESSOR HICKMAN

203. The Philosophy of Conduct.—(See Department of Philosophy for description.) 3 s.h. DR. McLARTY

204. Christian Ethics.—(See Department of Philosophy for description.) 3 s.h. DR. McLARTY

ELECTIVE COURSES

All courses listed as acceptable in fulfilling the requirement in the Department of Religion are also open as electives for other students, with the exception of courses 1-2 and 51-52. After the requirements in religion have been met, consent of the instructor must be secured to be admitted to the other courses in the group offered to meet the requirements in the Department.

131-132. American Christianity.—The aim of this course is to trace the growth of the different branches of the Christian Church in the United States, Canada, and Hispanic America. Prerequisite: History 1-2 or its equivalent. 6 s.h. (w) PROFESSOR GARBER
[Not offered in 1937-38]

201-202. Introductory Hebrew.—A study in the Hebrew language. The reading of the first eight chapters of Genesis inductively. 6 s.h. (w) ASSISTANT PROFESSOR STINESPRING

SR.211-212. Hellenistic Greek.—A course for students who wish to begin the study of the language of the New Testament. Selections from the New Testament will be read in the second semester. 6 s.h. (w) DR. CLARK

217. The New Testament in Greek.—Rapid reading in Greek text of the New Testament. Prerequisite: six semester-hours' study of the Greek language. 3 s.h. (w) DR. CLARK

218. Galatians and I Corinthians.—A detailed study of two of Paul's major epistles. The course will be based on the Greek text. Prerequisite: New Testament 217 or its equivalent. 3 s.h. (w) DR. CLARK

219. Life of Paul.—A study of Paul's life on the basis of Acts and the letters of Paul, emphasizing the permanent values in Paul's work and his contribution to the world. 3 s.h. (w) PROFESSOR MYERS
[Not offered in 1937-38]

220. I Peter and the Gospel of John.—A detailed study of two of the non-Pauline writings of the New Testament. The course will be based on the Greek text. Prerequisite: New Testament 217 or its equivalent. 3 s.h. (w) DR. CLARK

233. Church History to the Reformation.—A survey of the growth of the Christian Church from the Apostolic Age to the Reformation. 3 s.h. (w) PROFESSOR GARBER

234. History of the Evangelical Movement.—Beginning with the Lutheran Reformation, this course traces the rise, growth, influence, and history to 1800 of the Calvinistic, Anglican, Reformed, Quaker, Baptist, and Methodist movements. 3 s.h. (w) PROFESSOR GARBER

261. Foundations of Religious Education.—A study of the fundamental conceptions underlying the theory of Christian education, including social, psychological, and theological aspects. 3 s.h. (w) PROFESSOR SMITH

262. Organization of Religious Education.—The development of a system of organization and administration based upon constructive educational theory, and embracing week-day as well as Sunday agencies of religious education. 3 s.h. (w) PROFESSOR SPENCE

263. Curriculum of Religious Education.—Educational conceptions of the curriculum, values and uses of current curricula, principles and techniques of curriculum construction. 3 s.h. (w) PROFESSOR SPENCE

SR.265. Religious Drama.—A historical survey of the relation between religion and drama, a study of the uses and underlying principles of religious drama, and a critical examination and interpretation of selected dramatic productions. 3 s.h. (w) PROFESSOR SPENCE

266. Educational Aspects of Worship.—A study of worship in its bearing upon the educational function of the Christian religion. Students admitted on consultation. 3 s.h. (w) PROFESSOR SMITH

267. Technic of Teaching Religion.—Objectives and principles of the teaching process, including a discussion of the major types of educational procedure. 3 s.h. (w) PROFESSOR SPENCE

[Not offered in 1937-38]

SR.268. Religious Drama Construction and Production.—Project work in the creation and production of religious drama and pageants. Practice in the selection, staging, lighting, and direction of religious plays. Construction of dramatic programs of worship. 3 s.h. (w) PROFESSOR SPENCE

SR.282. Living Religions of the World.—A survey of the religious systems of India, China, and Japan, followed by a study of Judaism, Mohammedanism, and Christianity, the object being to trace the historical development of each religion. Open to Seniors planning to enter the School of Religion; others take 181-182. 3 s.h. (w) PROFESSOR CANNON

283. Expansion of Christianity.—The spread of Christianity as interpreted in the light of political, social, economic, and other factors. 3 s.h. (w) PROFESSOR CANNON

285. The Religions of India.—A study of present-day religious movements in India, with special reference to Hinduism. 3 s.h. (w) PROFESSOR CANNON

286. The Religions of Eastern Asia.—A study of the religious systems of China, Korea, and Japan. 3 s.h. (w) PROFESSOR CANNON

[Not offered in 1937-38]

DEPARTMENTAL MAJOR

Prerequisite: Religion 1-2.

Major Requirements: A major in the Department of Religion consists of twenty-four semester-hours of work, exclusive of courses primarily for Freshmen, eighteen semester-hours of which shall be selected with the approval of the instructor under whose supervision the student does his major work.

DEPARTMENTAL HONORS

For admission to candidacy for Honors in the Department of Religion the student must have completed either Religion 1-2 or 51-52 with a grade of "B" or better in these courses, and have no grade of "D" in other subjects taken in the Freshman and Sophomore years.

Candidates for Honors shall complete the following: at least eighteen semester-hours of work in the regular curriculum courses of this Department, six semester-hours of which must be of Senior-Graduate level; twenty-one semester-hours of regular curriculum courses in related departments; Honors readings and tutorial work equivalent to ten semester-hours of course work.

The student in the Honors course shall prepare during the first year a preliminary report upon some subject embraced in his Honors readings. The following year, he shall prepare a more complete report or essay.

The final examination will be both oral and written, covering the general field of the candidate's study and the special field in which he has done his Honors readings.

ROMANCE LANGUAGES

PROFESSORS WEBB, COWPER, AND JORDAN; ASSOCIATE PROFESSOR LUNDEBERG;
ASSISTANT PROFESSORS BRIDGERS, DAVIS, WALTON, AND YOUNG; MESSRS.
AVILÉS, DOW, HASBROUCK, AND W. R. QUINN; MISS RAYMOND;
MME. LINIÈRE DOW; AND ASSISTANTS

The courses in French from 1 to 54, inclusive, and 87-88 are for the general student. They give a reading knowledge of standard French and furnish an introduction to French life and letters. Courses 55-56, 107, and 217 offer training in the French language. The literary courses are devoted to the systematic study of classical and modern French literature. Advanced students are offered an introductory course in Old French philology and literature. Those planning to teach will find in course 218 a treatment of the teaching of French.

The course in Italian includes the reading of Dante's *Inferno*.

The courses in Spanish from 1 to 66, inclusive, and 101-102 are for the general student. They have as objectives: a reading knowledge of Spanish and training in the written and spoken language. The remaining courses are devoted to the interpretation of modern and classical literature.

FRENCH

1-2. Elementary French.—6 s.h. (W & E)

ASSISTANT PROFESSORS BRIDGERS AND WALTON; MR. DOW

3-4. French Prose.—Prerequisites: French 1 and 2, or two years of high-school French. 6 s.h. (W & E)

PROFESSORS WEBB, COWPER, AND JORDAN; ASSISTANT PROFESSOR
DAVIS; DR. QUINN, MR. DOW, AND MISS RAYMOND

51. Introduction to French Literature.—Prerequisites: French 3 and 4 or equivalent. 3 s.h. (W & E)

PROFESSOR COWPER; ASSISTANT PROFESSORS BRIDGERS, DAVIS,
WALTON, AND YOUNG; MISS RAYMOND

52. Introduction to French Literature.—Prerequisite: French 51 or equivalent. 3 s.h. (W & E)

PROFESSOR COWPER; ASSISTANT PROFESSORS BRIDGERS, DAVIS,
WALTON, AND YOUNG; MISS RAYMOND

53. French Civilization.—Prerequisites: French 3 and 4 or equivalent. 3 s.h. (W & E)

PROFESSOR JORDAN; ASSISTANT PROFESSOR BRIDGERS;
DR. QUINN AND MR. DOW

May not be taken with or in addition to French 51.

- 54. French Civilization.**—Prerequisite: French 53 or equivalent. **3 s.h.**
(w & e) PROFESSOR JORDAN; ASSISTANT PROFESSOR BRIDGERS;
DR. QUINN AND MR. DOW

May not be taken with or in addition to French 52.

Students will take course 51-52 or 53-54. *Total credit in these courses is limited to six semester-hours. They are the basic prerequisites to all higher courses.*

- 55. Exercises in Spoken French.**—1 s.h. (w & e) MME. LINIÈRE DOW

- 56. Exercises in Spoken French.**—1 s.h. (w & e) MME. LINIÈRE DOW

- 87-88. French Writers of the Romantic Period.**—6 s.h. (w & e)
ASSISTANT PROFESSOR DAVIS AND MISS RAYMOND
May not be taken with or in addition to course 108.

- 107. French Composition.**—3 s.h. (w & e)
PROFESSOR COWPER AND MISS RAYMOND

- 108. The French Romantic Movement.**—3 s.h. (w & e)
PROFESSOR COWPER AND MISS RAYMOND
May not be taken with or in addition to course 87-88.

- 109. Molière.**—3 s.h.
[Not offered in 1937-38] PROFESSOR WEBB

- 110. Poems of Victor Hugo.**—3 s.h.
[Not offered in 1937-38] PROFESSOR WEBB

- 111. French Drama since 1850.**—3 s.h. (w & e)
ASSISTANT PROFESSOR YOUNG

- 112. French Drama since 1850.**—3 s.h. (w & e)
ASSISTANT PROFESSOR YOUNG

- 113. French Classicism.**—From Malherbe to La Bruyère. 3 s.h. (w)
ASSISTANT PROFESSOR WALTON

- 114. French Classicism.**—From La Bruyère to the Encyclopedists and Beaumarchais. 3 s.h. (w)
ASSISTANT PROFESSOR WALTON

- 127. Advanced French Composition.**—Prerequisite: French 107. 3 s.h. (w)
MME. LINIÈRE DOW

- 128. Advanced French Composition.**—Prerequisite: course 107. 3 s.h. (w)
MME. LINIÈRE DOW

- 215-216. The Modern French Novel.**—A survey of the novel form from the seventeenth to the twentieth centuries, with particular attention to the analysis of fundamental literary tendencies: classicism, rationalism, romanticism, and realism. Prerequisite: 6 s.h. from courses 87-88 and 108 to 114. inclusive. 6 s.h. (w)
PROFESSOR JORDAN

- 217. French Phonetics.**—French sounds and French spelling; pronunciation drills; exercises in phonetic transcription and dictation; diction; aural comprehension. Prerequisite: 3 s.h. from course 107 or 127-128. 3 s.h. (w)
PROFESSOR WEBB

- 218. Materials and Methods.**—History of the teaching of French; methods; the course of study; analysis and criticism of representative texts; tests and examinations; objectives in the light of teaching conditions, equipment, and future application. Prerequisite: course 107 or equivalent. 3 s.h. (w)
PROFESSOR WEBB

219. **Old French.**—An introduction to the Old French language and literature. 3 s.h. (w) PROFESSOR COWPER

220. **Old French.**—Types of Old French Literature. 3 s.h. (w) PROFESSOR COWPER

227. **French Poetry since Theophile Gautier.**—Parnassianism and Symbolism. Old number 336. 3 s.h. ASSISTANT PROFESSOR WALTON
[Not offered in 1937-38]

232. **Rousseau and the Beginnings of Romanticism.**—Old number 231. 3 s.h. PROFESSOR COWPER
[Not offered in 1937-38]

ITALIAN

181-182. **Italian.**—Introduction to the language, modern Italian readings, and Dante's *Inferno*. 6 s.h. (w) PROFESSOR WEBB

SPANISH

1-2. **Elementary Spanish.**—6 s.h. (w & E) STAFF

3-4. **Intermediate Spanish.**—Prerequisites: Spanish 1-2 or two years of high-school Spanish. 6 s.h. (w & E) STAFF

65. **Introduction to Modern Spanish Literature.**—Prerequisite: Spanish 3-4 or equivalent or Spanish 101-102 with minimum grade of "B" and Senior standing. 3 s.h. (w & E)

ASSOCIATE PROFESSOR LUNDEBERG, DRs. AVILÉS AND HASBROUCK

66. **Introduction to Spanish Literature of the Golden Age.**—Prerequisite: Spanish 65 or equivalent. 3 s.h. (w & E)

ASSOCIATE PROFESSOR LUNDEBERG, DRs. AVILÉS AND HASBROUCK

101-102. **Elementary Spanish.**—For Juniors and Seniors only. 6 s.h. (w) DR. HASBROUCK

153. **Spanish Phonetics.**—The sounds of the Spanish language; sound changes; intonation; exercises in transcription; regional pronunciation; limited use of electrical recording machines. Prerequisites: Spanish 65-66, or 3-4 with minimum grade of "B" and Junior or Senior standing. (Enrollment limited to fifteen students.) 3 s.h. (w) ASSOCIATE PROFESSOR LUNDEBERG

154. **Advanced Spanish Composition and Conversation.**—Prerequisite: Spanish 153. (Enrollment limited to fifteen students.) 3 s.h. (w)

DR. AVILÉS

155. **Literatura Hispanoamericana: La Pampa, Payadores y Gauchos en La Literatura Americana.**—Prerequisites: Spanish 65-66, or 3-4 with minimum grade of "B" and Junior or Senior standing. 3 s.h. (w) DR. AVILÉS

156. **La Tendencia Modernista en La Literatura Americana.**—Prerequisite: Spanish 155. 3 s.h. (w) DR. AVILÉS

FOR SENIORS AND GRADUATES

Prerequisites: 6 s.h. from courses 153 to 156 inclusive, or 65-66, with grade of "A."

261-262. **The Modern Spanish Novel.**—6 s.h.

ASSOCIATE PROFESSOR LUNDEBERG

[Not offered in 1937-38]

265. Golden Age Literature: Cervantes.—The *Novelas ejemplares*; analytic study of the tales, their sources, style, literary importance, and influence on world literature. 3 s.h. (w) ASSOCIATE PROFESSOR LUNDEBERG

266. Golden Age Literature: The Don Juan Theme.—Study of representative Don Juan plays of the Golden Age, with references to use of this motif by later writers in Spain and abroad. 3 s.h. (w)

ASSOCIATE PROFESSOR LUNDEBERG

DEPARTMENTAL MAJORS

Prerequisites: French 1-2, 3-4, or equivalent, for French. Spanish 1-2, 3-4, or equivalent, for Spanish.

Major Requirements: In French, twenty-four semester-hours of work must be completed in courses above the Freshman level, and must include: (a) six semester-hours from the group 107, 127-128, 217; (b) six semester-hours of literature in courses numbered 215 to 232. Students desiring the recommendation of the Department for the teaching of French will take in addition French 218.

In Spanish, twenty-four semester hours must be completed as follows: eighteen hours in the courses 65-66, 153-154, 155-156; six hours from the group 261-262, 265-266.

SOCIOLOGY

PROFESSORS ELLWOOD AND JENSEN; ASSISTANT PROFESSORS THOMPSON
AND —————

91-92. General Sociology.—The same as course 101, except that it gives an additional hour of credit to permit the introduction of more concrete materials, and admits Sophomores with an average grade of not less than "C" during the Freshman year. 6 s.h. (E) PROFESSOR JENSEN

101. General Sociology.—An introduction to the scientific study of social life; its origin, evolution, and organization as illustrated by the study of a number of concrete social problems. This course is repeated each semester and is prerequisite to all other courses in sociology. 5 s.h. (w)

PROFESSOR ELLWOOD

102. General Sociology.—The same as course 101. 5 s.h. (w)

PROFESSOR ELLWOOD

109. Sociology of the South.—The developing regional organization of the world economy studied with especial reference to Southern life and problems. A survey of the composition and distribution of population, races and race relations; economic conditions underlying population, race factors, and culture of the South. Primary emphasis is upon social change and its control. Prerequisite: course 91-92 or 101. 3 s.h. (w)

ASSISTANT PROFESSOR THOMPSON

111. Introduction to Child Welfare.—A special course in child welfare for Juniors and Seniors. Given first semester. Prerequisite: course 91-92 or 101. 3 s.h. (w)

PROFESSOR JENSEN

114. Race Relations.—Against the background of a preliminary study of inter-racial experiences in other parts of the world an effort is made to understand more clearly the racial situation in the Southern States. Prerequisite: course 91-92 or 101. 3 s.h. (w) ASSISTANT PROFESSOR THOMPSON

205. Social Pathology.—A study of the causes, extent, significance, and constructive treatment of the principal forms of pathology in modern society: poverty, physical defectiveness, malnutrition, mental deficiency, mental disease, undirected leisure activities, and unstandardized commercial recreation, alcoholism, prostitution, vagrancy, and delinquency. Prerequisite: course 91-92 or 101. **3 s.h. (w)**
PROFESSOR JENSEN

206. Criminology.—A study of the original tendencies of man and the problem of socializing these tendencies; the relations of physical and mental defectiveness and untoward influences in the home and neighborhood to crime; the development of criminological theory and procedure, emphasizing penal and reform methods, and especially modern methods of social treatment and prevention of crime. Prerequisite: course 91-92 or 101. **3 s.h. (w)**
PROFESSOR JENSEN

213. Constructive Social Policies.—An intensive study of the theories and legislation dealing with such problems as compensation, vocational re-education, and other methods of social insurance and social improvement. Prerequisite: course 91-92 or 101. **3 s.h. (w)**
[Not offered in 1937-38]
PROFESSOR JENSEN

217. General Anthropology.—A study of the origin and evolution of man as an animal and of the different races of mankind. The prehistoric human types, the principles of ethnology, and the characteristics of the Negro, Mongolian, American, and Caucasian races. Lectures and assigned reading. **3 s.h. (w)**
ASSISTANT PROFESSOR

218. Cultural Anthropology.—A study of social origins and of the earliest stages of cultural evolution; the stone and metal ages; the origins of industry, language, magic, religion, morals, science, art, and social organization in the family, horde, clan, and tribe. Lectures and assigned reading. Prerequisite: any one of the following courses: 91-92, 101 or 217. **3 s.h. (w)**
ASSISTANT PROFESSOR

219. Urban Sociology.—This course studies the function of the city in the larger community which it nucleates both as market and as industrial center. More detailed attention, however, is given to the inner life and problems of the city. Prerequisite: course 91-92 or 101. **3 s.h. (w)**
ASSISTANT PROFESSOR THOMPSON

220. Rural Sociology.—A study of the societies developed by people who settle the land and exploit it for a livelihood. The institutions peculiarly rural are the family farm, the peasant village, the ranch, and the plantation. In this course special attention is given to the plantation and the rural problems of the South. Prerequisite: course 91-92 or 101. **3 s.h. (w)**
ASSISTANT PROFESSOR THOMPSON

227. Emigration and Immigration.—A study of territorial movements of population with especial reference to Europe and America. Causes and extent of migration; its effect upon American and European society; origin and characteristics of immigrant groups and their organization in the New World; problems, agencies and processes of assimilation. Prerequisite: course 91-92. **3 s.h. (w)**
PROFESSOR JENSEN
[Not offered in 1937-38]

DEPARTMENTAL MAJOR

Students desiring to take a major in sociology are required to complete course 91-92 or 101 or 102 and twelve additional hours in the Department.

ZOOLOGY

PROFESSORS PEARSE, CUNNINGHAM, HALL, HARGITT; ASSOCIATE PROFESSOR GRAY;
ASSISTANT PROFESSOR HOPKINS; MR. BOOKHOUT, MISS CULBRETH,
MISS MCMANUS;* AND ASSISTANTS

1. General Zoology.—A brief survey of the animal kingdom. 4 s.h. (w & e)
DR. BOOKHOUT, MISS CULBRETH, AND ASSISTANTS

2. Animal Biology.—A study of the principles of biology as applied to animals. Prerequisite: Zoology 1. 4 s.h. (w & e)
ASSOCIATE PROFESSOR GRAY, MISS CULBRETH,
DR. BOOKHOUT, AND ASSISTANTS

53. Comparative Vertebrate Anatomy.—A study of the anatomy and evolution of the organ systems of vertebrates. Prerequisites: Zoology 1 and 2. 4 s.h. (w & e) ASSOCIATE PROFESSOR GRAY, MISS CULBRETH, AND ASSISTANTS

92. General Embryology.—A study of the fundamental principles of embryology as illustrated in the frog, chick, and mammal. Prerequisite: Zoology 53. 4 s.h. (w & e) PROFESSOR CUNNINGHAM, DR. BOOKHOUT, AND ASSISTANTS

108. Evolution.—The facts and theories of organic evolution. Prerequisite: two years of zoology. 2 s.h. (w) PROFESSOR HALL

114. Protozoology.—The morphology, physiology, and taxonomy of the protozoa, free living and parasitic. Prerequisite: one year of zoology. 4 s.h. (w) ASSISTANT PROFESSOR HOPKINS

[Not offered in 1937-38]

151. Comparative Physiology.—The primary functions of animals of all groups and a more detailed study of the physiological processes in mammals. Prerequisite: Zoology 53. 4 s.h. (w) PROFESSOR HALL AND ASSISTANTS

156. Vertebrate Histology.—The microscopic structure of normal tissues and organs of the vertebrate body. Training will be given in the preparation of material for microscopic study. Primarily for major students in zoology and not recommended for premedical students since a similar course is given in the first-year medical curriculum. Prerequisite: Zoology 53. One lecture and three laboratory periods. 4 s.h. (w) PROFESSOR HARGITT

161. Animal Parasites.—A consideration of animal parasites, with particular emphasis upon those infesting man. Prerequisite: one year of zoology. 4 s.h. (w) PROFESSOR PEARSE

174. Invertebrate Zoology.—A study of structure, life-history, and adaptations of invertebrate animals. Living animals will be used when possible. Prerequisites: Zoology 1 and 2. 4 s.h. (w) DR. BOOKHOUT

219-220. Special Problems.—Students who have had proper training may carry on special work. (w) STAFF

222. Entomology.—A study of anatomy, physiology, and classification of insects. Prerequisite: one year of zoology. 4 s.h. (w)

ASSOCIATE PROFESSOR GRAY

* Deceased Dec., 1936.

229. Endocrinology.—The structure, physiology, and embryology of the endocrine glands. Lectures, reading assignments, and reports. Prerequisites: Zoology 53 and 92. 3 or 4 s.h. (w) PROFESSOR CUNNINGHAM

256. Seminar: Current Developments in Physiological Zoology.—Prerequisite: Zoology 151. Open only to Seniors. 2 s.h. (w) PROFESSOR HALL

DEPARTMENTAL MAJOR

Prerequisites: Zoology 1 and 2.

Major Requirements: Twenty-four semester-hours including courses 53, 92, 151, and either 156 or 174. The remaining eight hours may be from any other courses for which the student is eligible.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in zoology a student is expected to have completed zoology courses 1, 2, 53, and 92 and not less than eight semester-hours of chemistry.

The Honors Program will not necessarily be the same for all students. Courses 151, either 156 or 174, and eight additional hours of zoology are required. From twelve to twenty semester-hours of science other than zoology will be expected; the number of hours and the courses to be taken will depend upon the needs and interests of the student.

Each student will read in such fields as history of biology, zoological theories, or in special fields, and will undertake a special problem. He will meet regularly with his Honors Adviser. He may be asked to prepare written reports on his readings and must present a written report on his problem. Readings and problem may count for nine to twelve semester-hours.

At the end of the Junior year an examination will be given to test the student's ability to correlate material and to determine his fitness to continue in the Honors Course. At the end of the Senior year a general comprehensive examination covering the entire field of study must be passed.

GENERAL REGULATIONS

The academic year is divided into two semesters. The first semester of the academic year 1937-38 begins September 22; the second, February 1. Commencement is held on Monday, after the first Sunday in June. Commencement Day, 1937, is June 7.

TIME OF ENTRANCE

Patrons of the University and students who intend to enter the Freshman Class are reminded that the placement tests are held at the opening of the first semester in September and that this is the proper time to enter. If an applicant for admission cannot come early in the year, he should wait, except in very unusual cases, until the opening of the next semester. It is important that all students be present on the first day of the session, for those who are late incur the penalties described above in this catalogue under the topic "Admission to College" and below under the sub-topic "Course Cards." Students who enter after the beginning of the semester are marked absent in the work they have missed in the courses to which they are admitted, and these absences are counted as other absences from class.

MATRICULATION, REGISTRATION, AND ENROLLMENT

All students must appear before the Committee on Admission and obtain cards for admission. Cards of admission must be presented at the Treasurer's Office at the time of matriculation. All students, both old and new, are required to matriculate at the beginning of each semester and to obtain from the Treasurer a certificate of matriculation which serves also as an enrollment card. Students matriculating in either semester at a date later than that prescribed in this catalogue shall pay to the Treasurer a penalty of \$5.00 for late registration. Students whose course cards have been approved in the spring in the manner provided below are given an opportunity during the summer to matriculate by mail for the first semester. No student without a matriculation card is admitted to any class.

COURSE CARDS

Members of the Freshman, Sophomore, and Junior classes are required to submit to the Dean, not later than the date of spring registration, cards showing their selection of courses for the following year. These cards must be approved by the Dean. After being approved, the cards must be filed for permanent record in the Dean's Office. Students in the Freshman, Sophomore, and Junior classes who do not select their courses for the following year at the time appointed have to pay a fee of \$5.00 to the

Treasurer of the University before their course cards may be approved in the fall. The same regulations apply for the second semester. Students whose course cards have been approved but who, for reasons not arising within the University, desire to make a change in the card approved have to pay to the Treasurer a fee of \$1.00 for each change made. No course may be elected later than two weeks after the opening of the semester.

If a student drops a course without permission from the Dean of the College, the grade for that course shall be recorded as "F."

If a student drops with permission a course in which he is failing at that time, the grade for that course shall be recorded as "F," unless in the judgment of the Dean, circumstances do not justify this penalty.

EXAMINATIONS

Mid-year and final examinations are held in all subjects in January and May, respectively. The examination record combined with the record made in class constitutes the student's final grade.

REGULATIONS REGARDING GRADES

The following regulations have been adopted by the Faculty:

Grades shall be reported so as to indicate one of four things:

(1) *Passed.* A grade of "A," "B," "C," or "D" shall indicate that a student has passed a course. The work of this group of students shall be graded according to the following system: "A": exceptional; "B": superior; "C": medium; "D": inferior.

(2) *Failed.* A grade of "F" shall indicate that the student has failed in the course and that in order to receive credit for the course he shall be obliged to take the work again in class.

(3) *Incomplete.* (a) A grade of "I" may be reported by the instructor if for any reason he is unable to report the final grade at the regular time. (b) All students (with incomplete grades) who have not satisfied the requirements of the departments concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "I" was incurred are regarded as having failed on the course concerned and must repeat the work in class in order to receive credit.

(4) *Absent from Final Examination.* (a) The grade "X" shall indicate that the student was absent from the final examination. (b) A student absent from examination and marked "X," if his absence has been excused by the Dean of the College, may receive an examination on the payment of a fee of \$3.00 to the Treasurer of the University. The department concerned shall arrange for the examination in cases where absences are incurred and excused, and the grade reported in these cases shall be that earned by the student. (c) All students (with "X" grades) who have not satisfied the requirements of the department concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "X" was

incurred, are regarded as having failed on the course concerned and must repeat the work in class in order to receive credit. (d) If a student's absence from an examination is not excused by the Dean of the College, his grade for the course concerned shall be recorded as "F."

EXPLANATION OF QUALITY-POINT SYSTEM

The requirements for the degree are reckoned not only in semester-hours but also in quality-points. Quality-points are the points earned by a student according to his grades, for each semester-hour of credit. The grade "A" gives three quality-points for each semester-hour of credit; the grade "B" two quality-points; the grade "C" one quality-point. The grade "D" carries no credit in quality-points. For the grade "F" one quality-point is deducted for each semester-hour of failure. Credit for 122 quality-points, exclusive of those earned in physical education, is required for the degree of Bachelor of Arts or Bachelor of Science in all groups.

NUMBER OF HOURS OF CLASS WORK

No undergraduate student is allowed to take less than fourteen hours of class work a week without special permission of the Dean.

No undergraduate student may take more than seventeen semester-hours of work in one semester, if he fails to make eighteen quality-points on the work of the preceding semester.

CLASS STANDING

For a student to rank as a Sophomore, he must have to his credit twenty-four semester-hours with an average grade of "C"; as a Junior, fifty-six semester-hours with an average grade of "C"; as a Senior, ninety semester-hours, with an average grade of "C."

SENIOR WORK

A student of the Senior Class, irrespective of his average grade in preceding years, must, in order to be eligible for graduation, complete his work of the Senior year with an average grade of "C" or better.

EXCLUSION FOR FAILURE

A student of the Freshman Class entering college for the first time is not permitted to remain in the University in the second semester unless he passes as much as six semester-hours of the work of the first semester; any other student is not permitted to remain in the University in the second semester unless he passes as much as nine semester-hours of work in the first semester.

A student of the Freshman Class is not permitted to re-enter in September, nor to enter Summer School, if he did not pass at least eighteen semester-hours of the work in the previous year; any other student is

not permitted to re-enter in September, nor to enter the Summer School, if he did not pass at least nine semester-hours of work in the second semester of the previous year and a total of eighteen semester-hours of work for the entire year.

STUDENTS TRANSFERRING FROM OTHER INSTITUTIONS

Students whose advanced credits from another institution are accepted by the University will be given an average grade of "C" on the semester-hours with which they are credited, provided their grades warrant it.

DEFICIENCIES IN COMPOSITION

The following regulations have been adopted by the Faculty:

1. Any Freshman who is found by the English Department to be unable to handle satisfactorily the work of composition in English 1-2 is required to take special work until he is able to do satisfactorily the regular work of English 1-2.

2. No student who has failed in English 1-2 or 53 is permitted to become a special student without continuing his work in composition until he has made up his deficiency in this work.

3. Whenever the work of a student in any subject is satisfactory to an instructor except for gross errors in English, the instructor concerned may hand in a provisional grade only. This grade may not be recorded in the college files until the student shall have improved his work in composition to the satisfaction of the English Department. A list of such provisional grades, along with evidence of deficiencies, shall be furnished the English Department each term by the officers in charge of the grades, and a report shall be made by this department when the deficiencies shall have been removed.

4. All instructors are requested to advise their students each semester concerning these regulations.

CANDIDATES FOR ACADEMIC DEGREES

1. A tentative list of all candidates for the Bachelor's degree shall be prepared under the supervision of the Dean of the College as early in the college year as possible, shall be read by him to the Faculty at its first regular meeting in October, shall be furnished in copy to each department of instruction for information and reference, and also shall be posted in copy on the official bulletin board of the University for the information of the students concerned.

2. Copies of a second such tentative list likewise shall be prepared, read, and distributed by April 15.

3. A final list of all candidates for the degree shall be read by the Dean to the Faculty at its first regular meeting in May and shall be adopted by the Faculty as the final list. After the adoption of this list no name may be added to it.

4. Students who during Summer School complete the requirements for a degree shall be classified for graduation as of the year following the Summer School in which the work was completed, and their name shall so appear in the catalogue of the University and on the Commencement Program.

THE DEAN'S LIST

Students of the Junior and Senior classes who, at the mid-year or final examinations, have attained in Duke University an average of "B" in their courses of the half-year just closed and who have not received a grade of "F" in any course may be placed on the Dean's List for the succeeding half year. The privilege of the Dean's List is also extended to eligible members of the Sophomore Class during their second semester.

The name of a student may be withdrawn from the List at any time by the Dean, if the student fails to maintain a satisfactory standard of scholarship and conduct.

Students whose names are on the Dean's List will not be subject to the general regulations of the University governing class attendance. This privilege, however, may not be exercised in courses primarily open to Freshmen. Furthermore, such students are required to be present at the meeting of classes immediately before and after any holiday, unless they are excused by the Dean of the College.

If for any reason a student is removed from the Dean's List during, or at the close of, the second semester of his Junior year, his name may not be reinstated on the List.

CLASS ATTENDANCE AND ABSENCES

Regular and punctual attendance in class work is required of all students not on the Dean's List.

The purpose of the following rules is to provide for those absences made necessary by illness and all other emergencies. Students should reserve these absences for such occasions.

If a student incurs during a semester more than five absences from a three-hour course of study he is carrying (the number of absences allowed in any other course being proportionate to the credit hours the course carries), he shall suffer the loss of quality-points as follows: for the first absence in excess of the number allowed, one; for the second, two; for each absence thereafter, three. Absences due to prolonged illness or to authorized representation of the University in a student activity are excused without effect on grades. However, if other absences, unless unavoidable, are incurred after such excused absences, they will cause the loss of quality-points in accordance with the penalty as defined above.

If the total number of a student's absences in all courses for which he is registered during a single semester amounts to one more than the total number allowed, except under the provisions of the preceding paragraph,

his total credit for that semester is reduced by one hour, and for each additional five absences a reduction of one hour of credit is made.

As soon as the number of absences in a single semester course, exclusive of the absences due to prolonged illness and authorized representation of the University, exceeds three times the number of credit hours the course carries, registration in that course is cancelled.

A student is counted absent from meetings of a class held before he matriculates at the beginning of a semester.

All consecutive absences from the University, before or after any holiday, shall be counted as triple absences.

In addition, a student for excess absences, may, at the discretion of the Dean, be put on probation or dropped from the College.

Weekly reports of all absences of students from class are made by each instructor and are filed in the office of the Dean. A permanent record of the attendance of each student is kept and becomes a part of his general college record.

The instructor has no authority to excuse a student from class attendance, and it is his duty to report all absences, for whatever cause, to the Dean's Office at the end of each week.

ASSEMBLY AND CLASS MEETINGS

TRINITY COLLEGE

There shall be held on the first Thursday of each month of the college year in Page Auditorium, from 12:30 P.M. to 12:50 P.M., an assembly of all Seniors, Juniors, Sophomores and Advanced Freshmen of Trinity College, and at this period of the day separate meetings of these four groups on the second, third, and fourth Mondays or Thursdays of each month. There shall be a class meeting of the Freshman Class on each Saturday of every month at the time named above.

Attendance upon all of these meetings is compulsory for all students involved. Any student incurring in a semester a total of more than four absences from them automatically excludes himself from college.

WOMAN'S COLLEGE

An assembly is held each Tuesday, Wednesday, and Thursday in the Woman's College Auditorium. The hour is 12:30 P.M. on Tuesday, 12:40 P.M. on Wednesday and Thursday. Freshmen and transfer Sophomores are required to attend each day, Sophomores on Wednesday and Thursday, and Juniors and Seniors on Thursday. A meeting of the Freshman Class is held each Monday at the assembly hour, and the other classes meet at appointed times.

Attendance upon all of these meetings is compulsory for all students involved.

SCHOLASTIC REGULATIONS FOR ATHLETIC AND OTHER ORGANIZATIONS

The following regulations have been adopted by the Faculty:

1. Any student who receives less than a passing grade on more than six hours of his required work of the preceding term shall be ineligible to represent the University in any athletic contest, concert, or other public event.

2. Members of athletic teams or other student groups engaging in public representation of the University are expected to be carrying satisfactorily their current work. A student may be barred from participation in such representation if, in the opinion of the Dean, he is not doing satisfactorily his current work.

Duke University is a member of the Southern (Athletic) Conference and observes the following scholastic requirement of that Conference:

"The scholastic requirement for eligibility to participate in varsity intercollegiate sports shall be for 1937-38 the passing by the applicant of a minimum of twenty-one semester-hours or thirty quarter hours of the work of his immediately preceding year in college; thereafter the passing of twenty-four semester-hours or thirty-six quarter hours of the said work; with the proviso that graduate students and students in schools of law and medicine become scholastically eligible on the certificate of the deans of their schools."

THE ATHLETIC COUNCIL

The Board of Trustees, at its regular annual meeting in June, 1907, created an Athletic Council to be composed of eleven members appointed annually: three from the Faculty, to be appointed by the President of the University; four from the alumni, elected by the Alumni Association; and four from the undergraduates, one from each of the four classes, elected by the members of each class.

The three members of the Athletic Committee of the Faculty are the Faculty representatives in the Athletic Council. This committee alone has the responsibility of enforcing the scholastic and athletic requirements of the University for student participation in intercollegiate sports. The athletic eligibility rules are those of the Southern Conference; the scholarship requirements are printed elsewhere in this catalogue.

The Executive Committee of the Athletic Council is composed of the Chairman of the Faculty Committee on Athletics, and one other Faculty member and one alumni member of the Council. The Athletic Council on recommendations of its Executive Committee arranges athletic schedules, awards insignia of merit earned by members of athletic teams, and strives to promote among students of the University a proper and helpful athletic spirit; to encourage good fellowship in such sports both within the student body and toward student bodies of other educational institutions; through athletic sports to help to cultivate a high sense of honor, earnest, unselfish effort, and manly conduct. The Executive Committee of the

Council recommends to the President of the University persons to serve as Graduate Manager of Athletics and as coaches in the various sports. However, the election of such persons rests solely with the Trustees of the University or the Executive Committee of the University, on recommendation of the President of the University.

All funds arising from athletics are handled entirely by the Treasurer of the University. An audit of the receipts and disbursements of these funds is made annually by the official auditors of the University.

CONDUCT OF STUDENTS

The University expects of its students loyal and hearty co-operation in developing and maintaining high standards of conduct as well as of scholarship. The University therefore reserves the right, and matriculation by the student is a concession of this right, to ask the withdrawal of any student whose conduct at any time is not satisfactory to the University, even though no specific charge be made against the student.

ADMINISTRATION OF DISCIPLINE

General oversight of the conduct of students and the administering of discipline are vested in the Dean of the University. The duty of immediate supervision, guidance, and control of the students in each college is entrusted to the Dean of that College. However, through the expressed willingness of the students at the University to assume the responsibility of maintaining high standards of morals and honor at all times, the student body has properly become in a great degree self-governing in this respect. Two councils, one of men and the other of women, each composed of carefully chosen and duly elected representatives of the student body, exercise the authority granted the students to investigate all cases of misconduct, as well as all other cases of violation of proper student standards and traditions and to make recommendations of penalties based on their findings. Occasions seldom occur where such recommendations are not accepted and enforced.

The student councils have been of great help to the administrative authorities of the University. They not merely exercise police authority for restraining and punishing evildoers but also exert a guiding and stimulating influence for the promotion of high ideals of conduct and student relationships.

REGULATIONS REGARDING PUBLIC LECTURES AND OTHER PUBLIC OCCASIONS

All public lectures or addresses and other public events that are given under the auspices of the University or of any organization in any way connected with the University are under the supervision of the Faculty Council on Public Lectures. All dates and programs must be approved by this council except in instances where such occasions have been placed under the supervision of the Director of Public Relations.

(1) The Council on Public Lectures shall provide each year an official calendar.

(2) All public occasions held on either the East or West University Campus are listed for the Weekly Calendar of Duke University in the office of the Department of Public Relations and Alumni Affairs in the West Campus Union. This calendar appears each Saturday, and such notices must be received by 10:00 A.M. on the Friday preceding.

Social or other events held in the West Campus Union must be listed in the office of the Director of Public Relations and Alumni Affairs, and permission must be secured for such social use of the public rooms in the building.

REPORTS

Reports of the class attendance records and of the proficiency of each student in studies are sent to his parents or guardians after the examinations at the end of each semester. For Freshmen, mid-semester reports are made.

HEALTH AND PHYSICAL EDUCATION

The program of Health and Physical Education in Duke University has four distinct phases, as follows:

1. Student Health.
2. Physical Instruction.
3. Intramural Sports.
4. Intercollegiate Athletics.

MEDICAL CARE

With the exceptions noted below, full medical and surgical care is furnished to all regularly matriculated students of the University, during both the college year and the summer quarter, at no additional cost to them beyond the medical fee of \$5.00 payable each semester or the medical fee charged each student of the summer quarter. This service is under the direction of the University Physician with the co-operation of the Staffs of the Infirmarys (one on each campus) and the University Hospital. It includes hospitalization, medical and surgical care, drugs, dressings, X-ray work, and ward nursing. A charge for board is made at the same rate as in the University dining-halls, and student meal tickets for these halls are accepted in payment of this board. Refraction of eyes, treatment of teeth and of all chronic ill conditions, such as the removal of diseased tonsils and treatment of injuries incurred off the campuses, are not included in this service. The cost of any necessary braces and orthopedic appliances, as well as of special nursing, must be borne by the student.

No illness is treated in dormitory or other rooms occupied by students. Students needing treatment for minor medical or surgical conditions have the attention of the Director at his two daily visits to the

Infirmaries, which have day and night nurses on duty. Students developing serious conditions are promptly transferred from the Infirmaries to the University Hospital, where they come under the care of the Staff of the Hospital.

A questionnaire is sent out from the office of the Director of Student Health in the spring to all prospective students, advising certain medical and surgical care by their home physician or surgeon, such as the giving of typhoid or smallpox vaccine, removal of diseased tonsils, correction of errors of refraction, repair of a hernia, or removal of a chronic appendix. Important time is frequently lost in correcting these conditions after entrance into college, and the cost for this work must be borne by the student.

When the student comes to the University, he is given a careful physical examination. Any physical defects are recorded along with the record of the questionnaire from the family physician. All students are requested to be successfully vaccinated against smallpox before admission to the University. It is urgently advised that they take typhoid vaccine if they have not done so within three years.

PHYSICAL EDUCATION AND INTERCOLLEGIATE SPORTS TRINITY COLLEGE

The University requires all students to engage in some type of physical activity for two years or four full semesters. This work consists of participation in natural, practical, physical activity for at least three one-hour periods each week. A credit of six hours, with an average grade of "C," is required in physical education for graduation. The aims of this work are to improve body control and strength through big muscle activities, to stimulate the development of mental and physical alertness, to establish habits of regular exercise, and to give training and experience in various kinds of recreational sports that will be indulged in after the student graduates from the University.

Intramural sports are fostered and promoted in all lines of athletic activity. Meets, tournaments, and leagues are seasonally organized in the different sports. All students in the University are eligible to enjoy the intramural privileges, provided they comply with the intramural rulings. Participation in these activities is entirely voluntary, but it is very popular because it provides an opportunity for every man to enter into competition and recreation in those sports which he enjoys most.

The intercollegiate athletic program is controlled entirely by the University and consists of the organization and training of representative Freshman and varsity teams in the following sports: football, basketball, baseball, track, cross country, swimming, boxing, wrestling, tennis, and golf.

WOMAN'S COLLEGE

A medical and physical examination is required of each student upon entrance, and follow-up examinations are given as needed. These examinations are used as a basis for determining the type of physical

exercise a student should take and any other corrective measures needed. Special remedial and corrective classes as well as rest periods are provided for students who cannot engage in the usual sports and activities. It is the aim of the Department to develop in the student, not only physical ability, but, more especially, proper habits of living in order that her work may be carried on to the best advantage.

In addition to the required work in physical education, there are intramural activities sponsored by the Woman's Athletic Association, and opportunities for the use of the swimming pool, tennis course, athletic fields, and other sports equipment.

PUBLICATIONS COUNCIL

The student publications of the University are under the control of a council that was established in 1924 and reorganized by the Executive Committee of the University in 1935, and is constituted as follows: three (3) members from the University Staff appointed by the President of the University; two (2) members from the alumni appointed by the President of the University; six (6) men from the Junior and Senior classes, elected by the students in Trinity College; four (4) women from the Junior and Senior classes, elected by the students in the Woman's College; and three (3) editors and three (3) managers of student publications, ex officio members without any voting power. With the advice of the Council, the President of the University appoints each year for each publication an advisory committee of three (3) members from the Staff of the University.

No student publication can be started at the University without the approval of the Council.

RELIGIOUS EXERCISES

Chapel exercises are conducted on Tuesday, Wednesday, and Friday throughout the academic year at 12:30 P.M. on the campus for men and at 12:40 P.M. on the campus for women. Preaching services are held on Sunday at 11:00 A.M. in the University Chapel. Organ recitals are given on Sunday afternoons. In the summer carillon and organ recitals are given twice a week.

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences and in history. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester, and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES

Matriculation, per semester.....	\$ 25.00
Tuition, per semester.....	100.00
Room-rent—See the detailed statement that follows.	
Athletic fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
Damage fee, payable annually at the time of first registration.....	1.00
Medical fee, per semester.....	5.00
Library fee, per semester.....	5.00
Commencement fee, payable annually at the beginning of the second semester	3.00
Publication fee:	
First semester.....	2.50
Second semester.....	3.00
Diploma fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00

LABORATORY AND MATERIALS FEES

Botany 1, 2, 52, 55, 104, 156, 202, 204, 221, and 256.....	\$ 2.50
Botany 51, 103, 151, 203, 216, and 252.....	5.00
Forest Botany 153, 224, and 253.....	2.50
Chemistry 1, 2, 61, 70, 81, 142, 215, 216, 231, 232, 260, 261 and 262.....	7.00
Chemistry 151, 152, 241, 242, 253 and 254.....	8.50
Education 1, 58, 68.....	1.00
Education 54 and 101.....	2.00
(See note under history below.)	
Education 115 and 116.....	7.50
Education 208 (for testing materials in lieu of text).....	2.50
Engineering	
Civil 10 and 110—See <i>Summer School Bulletin</i> .	
Civil 11, 107, 111, 112, 113, 114, 117, 118, 119, 123, 124, and 240.....	2.00
Electrical 153, 154, 161, 162, 163, 258, 261, 262.....	2.00
Mechanical 79, 189, 190, 193, 194, 199, and 200.....	2.50
Forestry 153, 224, 253, 258, and 264.....	2.50
Forestry 261.....	5.00
Geology 51, 52, 101, 151, and 152.....	2.50
Geology 102.....	5.00
Field trip in Geology 51-52 and 101-102 at cost.	

History 91 and 92.....	\$3.00
No texts are required in these courses, but a fee of \$3.00 is charged, and books are placed in the Library for the use of those taking the courses. This fee is payable at the beginning of the semester and is collected through the office of the Treasurer of the University.	
Physics 1, 2, 57, 58, 104, 205, 206, 215, 216, 217, 218.....	2.00
Physics 51-52.....	4.00
Zoology 1, 2, 92, 161, 174, 222.....	3.00
Zoology 53, 151, 156, 229, 324.....	5.00
Zoology, all other advanced laboratory courses.....	3.00

TEACHERS TAKING COLLEGE COURSES

Teachers in nearby schools, taking one or two courses, are required to pay a registration fee of \$5.00 each semester and a tuition fee of \$3.00 per semester-hour of credit in addition to any regular laboratory fee or other fees collected from those students taking the courses.

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a student are moderate; the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum of cost, while all charges made by the University have been kept low. Incidental expenses depend naturally upon the tastes and habits of the individual, but the actual necessary college expenses for one year, including board, room-rent, and such University fees as tuition, matriculation, commencement, library, damage, and medical, vary from \$574.50 to \$639.50. Books and laundry are not included in these figures.

The athletic and publication fees, also included in the above figures, while not essentially University fees, are at the request of the students collected by the Treasurer of the University as designated above. The proceeds of these fees are turned over to these distinct and separate student activities. The athletic fee entitling the holder to admission to all athletic contests held on the University grounds is collected from all regularly enrolled students. The publication fee pays for a blanket subscription to the semiweekly student newspaper, the monthly student magazine, and the student yearbook. With all undergraduates this charge is compulsory, but in the case of graduate students it is optional.

Since women undergraduates are not permitted to have automobiles at the College, women students who have courses on the West Campus should add to their estimated expenses enough to pay for bus fares between the campuses, not exceeding \$25 for the year.

ROOMS AND CONDITIONS OF RENTING THEM

ROOM-RENT FOR MEN OF DUKE UNIVERSITY

West Campus, per semester.....	\$50.00, \$62.50, and \$75.00
East Campus, per semester.....	\$30.00 and \$50.00

ROOM-RENT IN WOMAN'S COLLEGE

Single room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, and Brown Houses.....	\$87.50
Double room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, and Brown Houses.....	62.50
Single room, per student, per semester, Aycock and Jarvis.....	75.00
Double room, per student, per semester, Aycock and Jarvis.....	50.00

The conditions set forth in the following paragraphs for the renting of rooms apply to both the dormitories for men and for women except that the room reservation fee in the Woman's College is \$25.00, and the dates for retention and assignment of rooms for upperclassmen are announced about April 15.

Rooms are reserved only for students who have been officially accepted by the University. They are rented for no shorter period than one semester. The occupancy of a room for a period less than one semester will cost the student \$1.00 each day unless the occupant makes the necessary arrangements with the Director in the Business Division before occupying the room. Undergraduate students who are not residents of Durham are required to room in University dormitories unless other arrangements are approved by the Dean's Office of the University. A room deposit of \$5.00 is required of each applicant accepted, payable upon notification of acceptance. This fee is deducted from the room charges at the time of registration for the fall semester. Applicants for admission are requested not to send room reservation fee until notified of acceptance. Those who make application and are accepted will not be entitled to have the reservation fee refunded unless the request is made on or before August 1.

A resident student who wishes to retain his room for the succeeding year must first pay a reservation fee of \$5.00 to the Treasurer's Office and then notify the office of the Director in the Business Division on or before May 15. All rooms which have not been signed for on or before May 15 will be considered vacant for the succeeding year. When a room is once engaged by a student, no change will be permitted except with the consent of the Director in the Business Division. Leaving one room and occupying another without permission is strictly against the rule and will render the offender liable to a charge for both rooms for the entire semester. No occupant is permitted to rent or sublet a room to another occupant. The use of a room for merchandising of any kind is strictly forbidden.

The authorities of Trinity College do not assume the responsibility of selecting and assigning roommates, though they will gladly render any assistance possible in the matter.

RESIDENCE HOUSES

Trinity College.—On the West Campus there are three groups of residence houses, each group forming a quadrangle enclosing a court. These groups of houses are designated as Craven, Crowell, and Kilgo

Quadrangles. They contain ample rooming-quarters for all the men students.

Woman's College.—The seven residence houses on the East Campus are Giles, Alspaugh, Pegram, Bassett, Joseph G. Brown, Jarvis, and Aycock. Upon request to the Director of the Business Division, College Station, Duke University, a plan of the residence houses will be sent. The resident students have a right to retain their rooms for the ensuing year or to draw for new ones in order of their classes, beginning with the Seniors. The new students are then assigned to the remaining rooms, and, so far as possible, to the type of room they prefer. Every effort is made to provide congenial roommates.

The students' rooms are single, double, or arranged in suites of two rooms for two students, and are supplied with all necessary furnishings except curtains, towels, sheets, pillow-slips, blankets, and heavy bed coverings. Sash curtains of a standard kind are required and may be bought at the College Store or made by the student according to specifications. Draperies and rugs may be brought from home or may be bought at reasonable rates at the College Store or in town.

All undergraduates from out of town are required to live in the residence houses; no student under twenty-one is permitted to live in the town unless with near relatives. An older woman who wishes to live in town may make special arrangements with the Dean. Provision is made for graduate students in one of the dormitories.

The East Campus is situated about a mile and a quarter from the West Campus, with a private road connecting the two. For those members of the Faculty and students who do not wish to walk or use private methods of conveyance, buses run at frequent intervals and at special rates.

BOARDING ACCOMMODATIONS

Trinity College, West Campus.—Beginning with the academic year 1930-31 the University opened its dining-hall in the Union on the West Campus with accommodations sufficient to provide in a superior way for all resident men students. Charges for board will not exceed \$25.00 per month.

The Union is the logical center of student activities for men, and it will be found desirable for male students to board in its supervised halls. In the Union are located the University Post Office, the University Store, the University Barbershop, and all publication staff offices.

In addition to the Union dining-halls, the Coffee Shop is operated for the convenience of students and visitors.

Woman's College, East Campus.—The dining-halls of the Woman's College are situated in the Union, the student center, on the East Campus. No resident woman is permitted to board elsewhere than at this Union. Board is \$112.50 per semester.

Because of the large number of those served in the Union dining-halls, it is not possible to arrange special diets for individual students. Special diet for the sick is served in the Infirmary.

The Union includes a Faculty dining-room, a lounge, and other rooms for various student activities.

LAWS REGULATING PAYMENTS

The Executive Committee of Duke University has enacted the following regulations which govern the payment of all fees due the University:

1. The President and the Treasurer of the University have no authority to suspend or in any way alter these regulations.

2. Matriculation and tuition fees are never refunded.

3. Any student who has failed to pay his bills on the dates advertised in the catalogue is denied the right to attend classes until his account is settled in full.

4. No student is considered by the Faculty as an applicant for graduation until he has settled with the Treasurer for all of his indebtedness to the University.

5. No student who has not settled all his bills with the Treasurer of the University is allowed to stand the mid-year or final examinations of the academic year.

When a student wishes his bills sent to his parent or guardian, the student or his parent or guardian must so notify the Treasurer of the University in writing in due time, but this in no way releases the student from liability to established penalties, if his bills are not paid on the dates advertised.

TRANSCRIPTS

Students desiring to transfer from Duke University to another institution are entitled to one transcript of their record. A charge of \$1.00 is made for each additional copy.

SCHOLARSHIPS, LOANS, AND EMPLOYMENT AID

Through a committee of the Faculty appointed by the President to deal with problems of rendering financial assistance to needy and worthy undergraduates both of Trinity College and the Woman's College, Duke University annually awards available scholarships, administers loan funds, and supervises student employment.

All student loan funds are kept separate and distinct from all other endowments or holdings of the University. Though some donors or their representatives may and do suggest terms and beneficiaries, no loan is made without the approval and consent of the Committee.

The scholarship funds are, in the main, endowed, though a limited number, and notably the honorary awards in recognition of scholastic merit, are financed through current funds of the University. As with the loan funds, donors of endowed scholarships may, and frequently do, make stipulated terms of the conditions of the award; but in all cases the responsible committee of the University reserves the right to approve and announce all awards. All scholarship endowments are held in trust by the University.

With few exceptions, loan and scholarship awards are limited to the amount of the tuition charges.

Prospective and old students must, if they will stop to consider, realize that no college or university has scholarship, loan, or job resources sufficient to meet all, or even a large per cent, of the requests made. A student, new or old, should realize that before he seeks aid of any institution, his need should be imperative. A student who accepts aid from a college or university when he could have done without it, unwittingly deprives some other would-be student, probably equally as worthy and more needy, of a chance to secure higher education at the institution.

Before applying to any college for aid a student should first have exhausted all means of aid from his parents, kinsfolk, interested friends, and commercial or civic agencies in his home locality.

A list of undergraduate scholarships and loans, and the procedure and terms of making application, are set forth below.

SCHOLARSHIP FUNDS

The Banks-Bradshaw Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The Herbert J. Bass Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The Christian Education Scholarship is based on the annual earnings from a \$6,000 scholarship endowment.

The Elisha Cole Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The E. M. Cole Scholarships are based on the annual earnings from a \$10,000 scholarship endowment. Awards are limited to undergraduate ministerial students.

The W. L. Cuninggim Scholarship is based on the annual earnings from a \$7,500 scholarship endowment. Preference, at the request of the donors, is given to students entering Duke University from the Methodist Orphanage of Raleigh, North Carolina.

The Arthur Ellis Flowers Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The Colonel George W. Flowers Scholarship is based on the annual earnings from a \$5,000 scholarship endowment.

The B. D. Heath Scholarship is based on the annual earnings from a \$2,000 scholarship endowment. Preference is given to students from Union County, North Carolina.

The Judd Scholarship is based on the annual earnings from a \$1,000 scholarship endowment. In making this award the donor or a representative of his family is to be consulted.

The Frank S. Lambeth Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The O. G. B. McMullan Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The W. H. Moore Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The J. A. Odell Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The J. M. Odell Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The E. J. Parrish Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The John T. Ring Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The George W. Watts Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The C. E. Weatherby Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

A friend of Duke University has set up a scholarship fund for the use of students preferably from Durham and Perquimans counties of North Carolina. Descendants of the donor, irrespective of their place of residence, are to be given consideration for such awards. The donor has designated that a representative of his family should be consulted in the making of awards. There are at present fifteen of these scholarships. They have no fixed value. Circumstances in all cases determine the amounts of the awards; usually, however, these scholarships are sufficient in amount to cover tuition charges.

A friend of Duke University has set up a scholarship fund the income of which is for the use of students preferably from the states of North Carolina, South Carolina, and Louisiana.

The Angier B. Duke Memorial, Incorporated, awards through the Scholarship Committee of Duke University four scholarships with an annual value of \$250 each to undergraduate students. These scholarships are awarded as follows: one on the basis of merit and necessity to an accredited high or preparatory school graduate entering the Freshman Class of Duke University; and one each to a member of the Sophomore, Junior, and Senior classes on the basis of merit, necessity and worthy individual contributions to university life. This fund is primarily for student loan purposes and is more fully described hereafter under "Loan Funds."

Ten honorary scholarships paying tuition are annually awarded to undergraduates. Five are held by members of the Sophomore Class and five by members of the Junior Class. Sophomore scholarships are awarded on the basis of scholastic work of the Freshman year and Junior scholarships on the basis of the scholastic work of the Sophomore year. Scholastic attainments and character are the sole bases of these awards.

Where funds are available and the need justifies, Duke University may award in any given year undergraduate scholarships partly or wholly covering tuition charges. Not in excess of fifty such awards shall be made.

The Joseph G. Brown Memorial Scholarship having a \$250 value is awarded by the Scholarship Committee and is provided through the generosity of friends and admirers of the late Mr. Brown, a former Chairman of the University's Board of Trustees.

Application for scholarship aid should be made to the Scholarship Committee, Secretary's Office, Duke University Station.

An application for a scholarship may not be made formally by a prospective student until application for admission has been made, all necessary credentials presented and notification of acceptance given.

LOAN FUNDS

The Angier B. Duke Memorial, Incorporated, administers through an advisory committee of the officers of the University, a loan fund for students of the University. Only the earnings of this fund are available for loan purposes.

The Committee of University officers also administers other endowed loan funds established for the benefit of students of Duke University. The amount available each year depends on the annual earnings and on the amount of loans repaid.

Although the total amount of loan aid is considerable, the calls for assistance far exceed the amount available for lending purposes each year. The Committee in charge of these funds, therefore, reserves the right to select from the applicants those who in character, personality, general

promise, scholastic merit, and degree of financial need, are most deserving of consideration.

The loan funds are administered in accordance with the following regulations:

1. No loan shall be made to a student who violates any of the regulations of the University or whose classwork is not satisfactory to the Faculty.

2. As a general policy a student is not potentially eligible for loan assistance until he has been in residence at least one semester and until those responsible for the administration of loan funds have had an opportunity to acquaint themselves with the worthiness and the need involved in any particular case.

3. Loans will be made only to students who are taking approved courses of study that lead to a degree, and all loans must be arranged for not later than one week after the beginning of a semester.

4. Every applicant for a loan must present with the application such security as the President of the University may approve, and no money shall be advanced before a note with approved security is in the hands of the Treasurer of the University.

5. No loan will be made to defray any other expenses than those incurred during the academic year for tuition, for matriculation, or for room-rent.

6. Interest at a rate of 6 per cent annually shall be charged for all loans of money, and the interest must be paid annually.

7. Applications for loans should be made to the Loan Committee, Secretary's Office, Duke University Station. A formal application for loan assistance may be made only on blanks furnished in the Secretary's Office at the time of registration. The granting or withholding of a loan is a matter entirely within the discretion of the Loan Committee. A student is expected to use all other possible means of securing financial assistance before applying for aid from the Loan Fund.

EMPLOYMENT

A number of students each year secure part-time employment on the University campus and in the city. Those in need of such employment may apply to the Secretary of the Committee on Student Aid, Secretary's Office, Duke University. No definite number of such places can be promised. Available places will be assigned in accordance with the merit and the need of the applicants.

HONORS AND PRIZES

To be eligible for Honors a student must earn during the year a credit of not less than thirty semester-hours. Students in the Freshman, Sophomore, and Junior classes who earn an average of at least two and one-half quality-points per semester-hour are given Honors. All semester-hours on which a student receives a grade are counted in the determination of Honors.

The degree of Bachelor of Arts or of Bachelor of Science with distinction is conferred under the following rules:

Students who have completed a minimum of ninety semester-hours in Duke University are eligible for general Honors at graduation. Those who earn an average of at least two and one-half quality-points per semester-hour are recommended for a degree *magna cum laude*. Those who earn an average of at least two and three-fourths quality-points per semester-hour are recommended for a degree of *summa cum laude*. All semester-hours taken in Duke University on which a student receives a grade are counted in the determination of Honors.

MEDALS AND PRIZES

The *Wiley Gray Medal* was established by the late Robert T. Gray, Esq., of Raleigh, North Carolina, to be awarded annually in memory of his brother. It is given for the graduating oration that shall be, in the opinion of a committee appointed on the day of Commencement, the best speech, with respect to both declamation and composition.

The *Fortnightly Club* annually offers cash prizes for the best literary productions by undergraduate students of the University.

The *Debate Council* authorizes the awarding of medals to members of the graduating class who have represented the University in at least two intercollegiate debates. The medals are given by the local chapter of the Tau Kappa Alpha Fraternity.

The *Southern History Prize* is awarded each year for the best essay dealing with a subject relating to Southern history. The prize is \$25 in cash donated by an anonymous friend of the University. The competition for the prize is conducted according to the regulations adopted by the Trinity College Historical Society.

The *Robert E. Lee Prize* is the gift of the Reverend A. W. Plyler, of the Class of 1892, and Mrs. Plyler. The sum of \$50 is awarded annually at Commencement, preferably to that member of the Senior Class who in character and conduct, in scholarship and athletic achievement, in manly virtues and the capacity for leadership, has most nearly realized the standard of the ideal student. The Dean of the College, the Graduate Manager of Athletics, and the President of the Student Council constitute a committee to draft and adopt regulations governing the award.

The Dr. R. C. Parker Physics Prize. Dr. R. C. Parker gave to Duke University a silver cup of Chinese manufacture to be used for the encouragement of scholarship in physics. The award is made annually by a committee from the Department of Physics, acting with the President of the University, to that student of Physics 1-2 who by the end of the academic year is judged to have shown the greatest promise as a student of physics. The winner is chosen not only for his mathematical grades but also for his industry, growth in power of reasoning, originality of point of view, and skill in experimentation. The name of the winner is engraved on the cup which is given into his possession, subject to certain necessary regulations, until the next award is made.

The Iota Gamma Pi Scientific Prize. The Iota Gamma Pi Science Fraternity offers an annual prize of \$25 to a member of the Junior Class, majoring in science, who is judged to be the leading student in the scientific courses of the University. The fraternity submits to the judges a list of students eligible for the prize. The committee of award is composed of the Dean of the University and one member each from the Departments of Geology, Botany, Zoology, Chemistry, Physics, and Engineering. The departments concerned choose their own representatives on this committee. The award is made on the following basis: quality of scientific work, 50 points; personality and general ability, 30 points; quality of work in departments other than scientific, 20 points. The president of the fraternity publicly awards the prize in chapel during the second week in May.

Alpha Kappa Psi Medallion. This prize is offered each year to the member of the graduating class who makes the highest record in economics and business administration during his career at the University.

The Willis Smith Prize. Mr. Willis Smith, a member of the Raleigh Bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of Law School work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose.

The Milnow Prize, consisting of one year's subscription to the *Electrical World*, is awarded each year to that student from North or South Carolina graduating in the Department of Electrical Engineering, who, in the opinion of the Faculty of that department and as shown by his grades, has made the most progress in electrical engineering during his last year in college.

STUDENT ORGANIZATIONS AND ACTIVITIES

The Men's Association of Duke University comprises all men students in the University. It functions through its officers and a council to initiate policies and to oversee matters within the control of the student body. The council is composed of seven members: three from the Senior Class, two from the Junior Class, one from the Sophomore Class, and one from the Graduate School.

The Women's Student Government Association is similar in character to the Men's Association. Its council is composed of the officers of the association and ex officio of the Y. W. C. A. president and an undergraduate representative.

The Young Men's Christian Association and the *Young Women's Christian Association* are student branches of the national Christian Associations. Each body aims to enrich not only the religious life of its members as individuals but also to promote religious group activity. Delegates are sent each year to summer conferences, state conventions, inter-state conventions, and the state Bible and missionary institutes. Every year a series of special religious services is held. Bible and missionary study classes and Sunday-School teacher-training courses are conducted under the auspices of the association by members of the Department of Religion.

Other organizations and activities include the following:

Classical Club; Columbia Literary Society; Cosmopolitan Club; Crowell Scientific Society; Debate Council (Men); Debating Club (Women); Forum Club; Junior Big Sisters; League of Women Voters; Nereidian Club (Women); Physics Club; Polity Club; Student Volunteer Band; The Duke Players; The Explorers' Club; The French Club; The Ministerial Association; Town Girls' Club; German Club; Trinity College Historical Society; Women's Athletic Association; and the W. H. Pegram Chemistry Club.

HONORARY ORDERS AND FRATERNITIES (NATIONAL)

Alpha Kappa Psi (Economics); Chi Delta Phi (Literary—Women); Delta Phi Alpha (German); Kappa Delta Pi (Education); Omicron Delta Kappa (Leadership); Phi Beta Kappa (Scholarship); Phi Eta Sigma (Freshman Scholarship); Phi Sigma (Biology); Pi Gamma Mu (Social Sciences); Pi Mu Epsilon (Mathematics); Sigma Pi Sigma (Physics); Sigma Upsilon (Literary—Men); Sigma Xi (Scientific Society); Tau Kappa Alpha (Forensic); Theta Alpha Phi (Dramatic); Sigma Delta Pi (Spanish).

HONORARY ORDERS AND FRATERNITIES (LOCAL)

Beta Omega Sigma (Sophomore—Men); Delta Phi Rho Alpha (Athletic—Women); EKO-L (Scholarship—Women); 9019 (Scholar-

ship—Men); Iota Gamma Pi (Scientific); Red Friars (Leadership—Men); Tombs (Athletic—Men); Sandals (Sophomore—Women); White Duchy (Leadership—Women).

ENGINEERING ORGANIZATIONS AND FRATERNITIES

American Institute of Electrical Engineering; American Society of Civil Engineering; Delta Epsilon Sigma (Honorary Engineering Fraternity); Duke Society of Mechanical Engineering; The Engineer's Club.

MUSICAL ORGANIZATIONS AND FRATERNITIES

Duke University Band; Kappa Kappa Psi (National Band Fraternity); Orchestra: Duke Collegians, Blue Devils, Ambassadors; The Men's Glee Club; The Women's Glee Club; The University Chapel Choir; The Concert Orchestra; The Woman's Concert Orchestra; The Woman's Music Study Club.

SOCIAL FRATERNITIES (NATIONAL)

(The Men's Pan-Hellenic Council)

Alpha Tau Omega; Delta Sigma Phi; Delta Tau Delta; Kappa Alpha; Kappa Sigma; Lambda Chi Alpha; Phi Delta Theta; Phi Kappa Psi; Phi Kappa Sigma; Phi Sigma Delta; Pi Kappa Alpha; Pi Kappa Phi; Sigma Alpha Epsilon; Sigma Chi; Sigma Nu; Sigma Phi Epsilon; Zeta Beta Tau.

SOCIAL FRATERNITIES (LOCAL)

Alpha Chi; Duke University Pre-Medical Society, undergraduate medical group.

SOCIAL SORORITIES (NATIONAL)

(The Women's Pan-Hellenic Council)

Alpha Delta Pi; Alpha Phi; Alpha Epsilon Phi; Delta Delta Delta; Kappa Alpha Theta; Kappa Delta; Kappa Kappa Gamma; Phi Mu; Pi Beta Phi; Sigma Kappa; Zeta Tau Alpha.

THE SCHOOL OF LAW

Order of the Coif (National Scholarship and Legal Ability Fraternity); Iredell Law Club (Local Social Club); Phi Delta Phi (National Social Fraternity); Duke Bar Association.

THE SCHOOL OF MEDICINE

Social Fraternities (National)

Nu Sigma Nu; Alpha Kappa Kappa; Phi Beta Pi; Phi Chi; Theta Kappa Psi; Alpha Omega Alpha (Honorary).

STUDENT PUBLICATIONS

Archive (Monthly); *Chanticleer* (Annual); *Chronicle* (Semi-weekly).

INDEX

- Absences from class, 138
- Academic-Law Combination, 51
- Accountancy, 74
- Administration
 - Business, 9
 - Education, 10
 - General, 9
 - Instructional, 11
 - Physical Education and Student Health, 37
 - Public Relations and Alumni Affairs, 10
 - Social and Musical Activities, 37
 - University Chapel, 37
 - University Libraries, 34
- Admission, General Regulations, 41, 43
 - By Certificate, 42
 - By Examination, 42
 - Freshman Week, 43
 - Special Students, 43
 - To Advanced Standing, 42
 - To College, 41
 - To Engineering Courses, 60
 - Units of, 41
- Aid, Loan, 150
- American Literature, 90
- Angier B. Duke Memorial Scholarships, 152
- Argumentation, 90
- Assembly and Class Meetings, 139
- Assistants, Instructional, 25
- Athletic Council, 140

- Boarding Accommodations, 148
- Botany, 65
- Business Administration, 71, 74
- Business Law, 75

- Calendar, University, 5
- 1937-38, 7
- Candidates for Academic Degrees, 137
- Chemistry, 68
- Civil Engineering, 83
- Class Standing, 136
- College Teaching, 48
- Conduct of Students, 141
- Course Cards, 134
- Courses of Instruction, 65
 - Accountancy, 74
 - American Literature, 90
 - Argumentation, 90
 - Botany, 65
 - Business Administration, 71, 74
 - Business Law, 75
 - Chemistry, 68
 - Civil Engineering, 83
 - Dramatics, 89
 - Drawing, 83
 - Economics, 71
 - Education, 76, 101
 - Electrical Engineering, 86
 - English, 88
 - Fine Arts, 92
 - Forest Botany, 67
 - Forestry, 94
 - French, 127
 - Geology, 96
 - German, 97
 - Greek, 99
 - Health, 101
 - History, 104
 - Italian, 129
 - Latin, 108
 - Law, 110
 - Mathematics, 110
 - Mechanical Engineering, 83, 85
 - Mechanics, 83
 - Music, 114
 - Philosophy, 114
 - Physical Education, 101
 - Physics, 117
 - Political Science, 119
 - Psychology, 121
 - Public Speaking, 90
 - Religion, 123
 - Roman Studies, 108
 - Romance Languages, 127
 - Sociology, 130
 - Spanish, 129
 - Zoology, 132
- Dean's List, 138
- Deficiencies in Composition, 137
- Degrees, Requirements for,
 - Bachelor of Arts, 44
 - Bachelor of Science, 56
 - Bachelor of Science in Engineering, 60
- Discipline, Administration of, 141
- Dramatics, 89
- Drawing, 83

- Economics, 71
- Education, 76
 - Physical Education, 37, 101, 143
- Electrical Engineering, 86

- Employment Aid, 153
- Engineering, 83
- English, 88
- Enrollment, 134
- Estimated Expenses for an Academic Year, 146
- Examinations, 135
- Exclusion for Failure, 136
- Expenses and Fees, 145
- Fees and Expenses, 145
- Fellows, Honorary, 28
- Fellows, University, 28
- Fine Arts, 92
- Forest Botany, 67
- Forestry, 94
- Fraternities, 156
- French, 127
- Freshman Week, 43
- General Fees, 145
- General Library, 34
- General Regulations, 41, 56, 134
- General Statement, 39, 60
- Geology, 96
- German, 97
- Grades, Regulations Regarding, 135
- Graduate Assistants, 30
- Graduate Scholars, 32
- Greek, 99
- Groups of Studies for the Degree of Bachelor of Arts, 46
 - Group I, General, 46
 - Group II, Business Administration, 47
 - Group III, Religion, 48
 - Group IV, Pre-medical, 48
 - Group V, College Teaching, 49
 - Group VI, Public School Teaching, 49
 - Class A: Secondary School Teaching, 49
 - Class B: Elementary School Teaching, 50
 - Group VII, Pre-Legal, 51
 - Group VIII, Social Service, 52
 - Group IX, Academic-Law Combination, 52
 - Group X, Honors, 52
- Groups of Studies for the Degree of Bachelor of Science, 56
 - Group I, General, 57
 - Group II, Pre-Forestry, 57
- Groups of Studies for the Degree of Bachelor of Science in Engineering, 60
 - Group I, Civil Engineering, 61
 - Group II, Electrical Engineering, 62
 - Group III, Mechanical Engineering, 63
- Health, 101, 142
- History, 104
- Honorary Fellows, 28
- Honors and Prizes, 154
- Honors Group, 52
- Houses, Residence, 147
- Instructional Staff, 11
- Italian, 129
- Laboratory Fees, 145
- Latin, 108
- Law Courses for Academic Students, 110
- Law Library, 37
- Laws Regulating Payments, 149
- Libraries, 34, 40
 - General, 34
 - Law, 37
 - Medical School, 37
 - Woman's College, 36, 39
- Loan Aid, 150
- Materials Fees, 145
- Mathematics, 110
- Matriculation, 134
- Mechanical Engineering, 85
- Mechanics, 83
- Medals and Prizes, 154
- Medical Care, 142
- Medical School Library, 37
- Minimum Uniform Requirements for All Groups, 45, 56
- Music, 114
- Occasions, Public, 141
- Officers of Administration, 9
- Philosophy, 114
- Physical Education, 37, 101, 142
- Physics, 117
- Political Science, 119
- Pre-Forestry, 57
- Pre-medical, 48
- Prizes and Medals, 154
- Psychology, 121
- Publications Council, 144
- Public School Teaching, 49
- Public Speaking, 90
- Quality-Point System, Explanation of, 136

- Registration, 134
Regulations, General, 41, 44, 134
 For Athletic and Other Organizations, 140
 For Bachelor of Arts Degree, 44
 For Bachelor of Science Degree, 56
 Regarding Class Standing, 136
 Regarding Exclusion for Failure, 136
 Regarding Grades, 135
 Regarding Public Lectures and Other Public Occasions, 141
 Regarding Rooms, 146
Religion, 123
Religious Exercises, 144
Reports, 142
Requirements for Admission to Advanced Standing, 42
 College, 41
 Engineering Courses, 60
 For Special Students, 43
 Units Required, 41
Requirements for the Bachelor of Arts Degree, 44
Requirements for the Bachelor of Science Degree, 56, 60
Residence Houses, 147
Roman Studies, 108
Romance Languages, 127

Scholars, Graduate, 32
Scholarships and Loan Aid, 150
 Scholarship Regulations for Athletic and Other Organizations, 140
 Senior Work, 136
 Social Service, 51
 Sociology, 130
 Sororities, 157
 Spanish, 129
 Special Students, 43
 Student Organizations and Activities, 156
 Students Transferring from Other Institutions, 137

Teachers Taking College Courses, 146
Time of Entrance, 134
Transcripts, 149
Trinity College, 39, 139

Undergraduate Scholarships, 150
Uniform Requirements for All Groups, 45, 56
Units of Admission, 41
University Calendar, 5
University Chapel, 37
University Fellows, 28
University Libraries, 34

Woman's College, 39, 139

Zoology, 132



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School of Religion



1936-1937

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DURHAM, NORTH CAROLINA

ANNUAL CATALOGUES AND BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

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SCHOOL OF RELIGION

1936-1937

ANNOUNCEMENTS FOR 1937-1938

DURHAM, NORTH CAROLINA

1937

TABLE OF CONTENTS

	PAGE
CALENDAR	3
GENERAL ADMINISTRATION	4
EDUCATIONAL ADMINISTRATION	4
INSTRUCTIONAL STAFF	5
COMMITTEES OF THE FACULTY	6
HISTORICAL STATEMENT	7
REQUIREMENTS FOR ADMISSION	9
REQUIREMENTS FOR GRADUATION	9
REQUIREMENTS FOR DEGREE OF BACHELOR OF DIVINITY	11
COURSES OF INSTRUCTION	13
GENERAL INFORMATION	23
FEES	23
JUNALUSKA SCHOOL OF RELIGION	26
ROLL OF STUDENTS	29

CALENDAR

1937

- Sept. 23. Thursday, 4:00 P.M.—First regular Faculty meeting.
Sept. 24-25. Friday and Saturday—Matriculation and registration of students.
Sept. 27. Monday, 8:00 A.M.—Instruction begins.
Sept. 30. Thursday—Formal opening exercises.
Oct. 5. Tuesday—Last day for submitting subjects for B.D. theses.
Oct. 14. Thursday—Fall retreat.
Nov. 11. Thursday—Armistice Day.
Nov. 25. Thursday—Thanksgiving Day: a holiday.
Dec. 11. Saturday—Duke University Day.
Dec. 20. Monday, 1:00 P.M.—Christmas recess begins.

1938

- Jan. 3. Monday, 8:00 A.M.—Instruction is resumed.
Jan. 20. Thursday—Mid-year examinations begin.
Jan. 31. Monday—Matriculation and registration for second semester.
Feb. 1. Tuesday—Second semester begins.
Feb. 22. Tuesday—Washington's Birthday: a holiday.
March 30. Wednesday, 1:00 P.M.—Spring vacation begins.
April 6. Wednesday, 8:00 A.M.—Instruction is resumed.
May 16. Monday—Last day for submitting B.D. theses.
May 23. Monday—Final examinations begin.
June 4. Saturday—Commencement opens; Senior Class Day; Meeting of Board of Trustees.
June 5. Sunday—President's Address to Graduating Class; Commence-Sermon.
June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

GENERAL ADMINISTRATION

FEW, WILLIAM PRESTON, A.B., A.M., Ph.D., LL.D., Litt.D.
President of the University

FLOWERS, ROBERT LEE, A.M., LL.D.
*Vice-President in the Business Division, Secretary, and
Treasurer of the University*

WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D.
Vice-President in the Educational Division of the University

BROWN, FRANK CLYDE, A.B., A.M., Ph.D.
Comptroller of the University

COMMITTEE OF THE BOARD OF TRUSTEES ON THE SCHOOL OF RELIGION

W. W. PEELE, T. M. GRANT, J. B. HURLEY, T. F. MARR

EDUCATIONAL ADMINISTRATION

RUSSELL, ELBERT, A.B., A.M., Ph.D.
Dean of the School of Religion

GARBER, PAUL NEFF, A.B., A.M., Ph.D.
Registrar of the School of Religion

INSTRUCTIONAL STAFF

*BRANSCOMB, BENNETT HARVIE, A.B., M.A. (Oxon), Ph.D.

Professor of New Testament

CANNON, JAMES, III, A.B., A.M., Th.B., Th.M.

Ivey Professor of the History of Religion and Missions

ELLWOOD, CHARLES ABRAM, Ph.B., Ph.D., LL.D.

Professor of Sociology

GARBER, PAUL NEFF, A.B., A.M., Ph.D.

Professor of Church History

**HICKMAN, FRANKLIN SIMPSON, A.B., A.M., S.T.B., Ph.D.

Professor of the Psychology of Religion

JENSEN, HOWARD EIKENBERRY, A.B., A.M., B.D., Ph.D.

Professor of Sociology

MYERS, HIRAM EARL, A.B., S.T.B., S.T.M.

Professor of English Bible

ORMOND, JESSE MARVIN, A.B., B.D.

Professor of Practical Theology

ROWE, GILBERT THEODORE, A.B., D.D., Litt.D.

Professor of Christian Doctrine

RUSSELL, ELBERT, A.B., A.M., Ph.D.

Professor of Biblical Interpretation

SMITH, HILRIE SHELTON, A.B., Ph.D., D.D.

Professor of Religious Education

SPENCE, HERSEY EVERETT, A.B., A.M., B.D.

Professor of Religious Education

PETRY, RAY C., A.B., A.M., Ph.D.

Assistant Professor of Church History

STINESPRING, WILLIAM FRANKLIN, B.A., M.A., Ph.D.

Assistant Professor of Old Testament

CLARK, KENNETH WILLIS, A.B., B.D., Ph.D.

Instructor in New Testament

GROVES, ERNEST RUTHERFORD, A.B., B.D.

Professor of Sociology

* Absent on leave, 1937-38.

** Absent on leave, second semester, 1936-37.

McDOUGALL, WILLIAM, B.A., M.A., M.B., D.Sc., Litt.D.
Professor of Psychology

WIDGERY, ALBAN GREGORY, B.A., M.A.
Professor of Philosophy

LUNDHOLM, HELGE, Ph.D.
Associate Professor of Psychology

MORGAN, GEORGE ALLEN, JR., A.B., A.M., Ph.D.
Associate Professor of Philosophy

THOMPSON, EDGAR TRISTRAM, A.B., A.M., Ph.D.
Assistant Professor of Sociology

BARNES, JAMES FOSTER, A.B., A.M.
Instructor in Church Music

HAINES, HOWARD N., B.S.
Instructor in Church Architecture

McLARTY, FURMAN GORDON, A.B., B.A., A.M., Ph.D.
Instructor in Philosophy

COMMITTEES OF THE FACULTY

Admissions—The Dean, the Registrar, and Professor Smith.

Bulletin—Professors Russell, Cannon, Garber, Spence, and Rowe.

Extension—Professors Hickman, Rowe, Myers, Ormond, and Spence.

Library—Professors Cannon and Smith and Dr. Clark.

Public Exercises—Dean Russell and Professors Branscomb, Garber, Hickman, and Rowe.

Registration and Advanced Standing—The Registrar, the Dean, and Professor Cannon.

Theses—Professors Cannon, Garber, Hickman, Smith, and Rowe.

Representatives on Joint Committee on Junaluska School of Religion—President Few, Dean Russell, and Professor Garber.

SCHOOL OF RELIGION IN DUKE UNIVERSITY

HISTORICAL STATEMENT

The present Duke University has been gradually developed from a simple beginning in a local school established in 1838 in the northwestern part of Randolph County, North Carolina. This school was enlarged in 1840 and named Union Institute. In 1841 it was incorporated as Union Institute Academy by the legislature of North Carolina. Under the leadership of President Braxton Craven, the Academy grew into an institution chartered as Normal College in 1851. An amendment to the charter in November, 1852, authorized Normal College to grant degrees, and two students were graduated in 1853 with the degree of Bachelor of Arts.

In 1859 the charter of Normal College was amended to place the institution under the control of the Methodist Episcopal Church, South, and the name was changed to Trinity College. Dr. John Franklin Crowell became president of Trinity College in 1887. The most important achievement of his administration was the removal of the College to Durham, North Carolina, which was accomplished by September, 1892.

President Crowell resigned in 1894, and was succeeded by the Reverend John Carlisle Kilgo, D.D. During President Kilgo's administration the endowment of Trinity College was greatly increased, the Library and other important buildings were erected, and notable progress was made in increasing the variety and improving the quality of the courses of instruction. A School of Law was established in 1904 by the gift of James B. and Benjamin N. Duke. In 1910 President Kilgo was succeeded by Dr. William Preston Few.

Trinity College has experienced a great expansion in faculty, endowment, buildings, and equipment during President Few's administration. In December, 1924, James B. Duke established a \$40,000,000 trust fund for educational and charitable purposes. Trinity College accepted the terms of the indenture of trust on December 29, 1924, and on the following day the name of the institution was changed to Duke University. Mr. Duke's death in 1925 was followed by the announcement of munificent provisions in his will for the development of the University which bears his family name.

SCHOOL OF RELIGION

Trinity College was established by Christian men for the purpose of providing education for young men and women under distinctively Christian auspices. There has been no departure from this clearly defined aim. On the contrary, there has been ever increasing emphasis placed upon this feature of the work of the College, especially in the provision in the curriculum for a great variety of courses on the Bible and other religious subjects.

Through the gift of James B. Duke, the School of Religion and its curriculum have been separated from the work of the Department of Religion in Trinity College. Among those for whom his gift was intended Mr. Duke placed ministers first. He felt sure that his native state of North Carolina stood in need primarily of a better educated and more efficiently trained ministry. The organization of the School of Religion of Duke University, the first of the professional schools to start its work, is the carrying out of this intention on the part of Mr. Duke. The work of the School began with the academic year 1926-27, though the formal opening exercises were not held until November 9, 1926.

Duke University retains the same close relationship which Trinity College always held to the Conferences in North Carolina of the Methodist Episcopal Church, South. This legal relationship has always been broadly interpreted: members of all Christian denominations, as well as Methodists, are made to feel welcome in the School of Religion. The basis on which the work is conducted is broadly catholic and not narrowly denominational.

THE PURPOSE OF THE SCHOOL OF RELIGION

Christian work has now expanded to the extent that it covers far more than the work of a preacher or minister. The School of Religion of Duke University purposes to offer training for all types of Christian service. This includes missionaries, teachers of Bible and other religious subjects in the schools and colleges of the Church, directors of religious education, and social workers. In the future it is planned to fit the courses more completely to the needs of these workers. Still it must be kept clear that the minister in charge of a church, who is placed before the people to preach the Gospel of Christ, is the center and key to the whole problem of Christian work in the church. It is felt with strong conviction that the training of all Christian workers should be maintained on a high level. Consequently, the School of Religion is organized on a strictly graduate basis. It is sincerely hoped that the standard thus set may increasingly influence the type of men and women entering Christian work and may lead them to demand the best of themselves in the prosecution of the work of Christ among men.

RELATION OF THE SCHOOL OF RELIGION TO DUKE UNIVERSITY

As one of the co-ordinate schools of Duke University, the School of Religion is in closest touch with the other schools, particularly with Trinity College and with the Graduate School. Correspondence is invited from those who are interested in the possibility of securing degrees other than that of Bachelor of Divinity, which is granted upon recommendation of the Faculty of the School of Religion. Seniors in Trinity College are admitted to certain courses in the School of Religion. Various privileges of Duke University are open to students of the School of Religion. Students in the School are expected to take part in the religious and social life of the University campus and to share in athletic interest and activities.

REQUIREMENTS FOR ADMISSION

Candidates for matriculation must be graduates of colleges of recognized standing. They will be admitted without examination on presentation of an official transcript of all college credits and such other credits as they may have secured. This applies to students coming from foreign countries as well as to students from institutions in the United States. They must satisfy the Faculty as to their Christian character and purpose. To this end a letter regarding a student's character and purpose from the pastor of his home church, a church official, or some faculty member in the college where he did his undergraduate work, should be presented at the time of admission. Women will be admitted on the same conditions as men.

PART-TIME SCHEDULES

Students who are not giving full time to their studies in the School of Religion may carry only limited schedules of class work.

REQUIREMENTS FOR GRADUATION

The requirements for the degree of Bachelor of Divinity are ninety semester-hours, six semester-hours of which shall be covered by the writing of an adequate thesis, either in a thesis seminar or under supervised thesis guidance. The course is planned to cover three years, of two semesters each, and students are urged to plan to spend in their theological studies the full time thus designated. Students coming from colleges where departments of religion are maintained may be admitted to advanced courses in the departments of the School of Religion in which they have done previous work as undergraduates. In no case will the degree of Bachelor of Divinity be conferred on a student until he has spent at least two full semesters in residence in the School of Religion, and has satisfactorily completed a minimum of twenty-four semester-hours of work.

THESIS

A thesis is required of all candidates for the degree of Bachelor of Divinity. It shall be of such a character as shall evidence a knowledge of the methods of research and an ability to conduct independent investigations. It shall be written upon some topic in the major field of study. The candidate is responsible for the selection of a suitable subject, which must be approved by the professor in charge of the major field, and must be filed with the Dean of the School of Religion on or before October 5 of the academic year in which it is expected that the degree will be conferred. Following the submission and approval of the subject of the thesis no changes shall be permitted, except changes for the purpose of clarification or limitation of the subject. A student who does not complete his thesis within a period of three years from the date of the approval of his subject must secure a reapproval of the old subject or the approval of a new subject. The thesis shall be prepared under the super-

vision and guidance of the professor in charge of the major field. No student shall be allowed to write his thesis *in absentia* except on the approval of the Committee on Theses upon the recommendation of the professor in charge of the thesis. In all such cases regular reports as to the progress of the thesis must be made to the professor in charge, as often as he may deem wise.

The thesis shall be read by a committee of three members of the Faculty of the School of Religion, one of whom shall be the professor under whose direction the thesis has been written, and two other members appointed by the Dean, one of whom shall be of a department other than that in which the thesis is written. Each candidate shall be examined orally on his thesis by the committee appointed to read it, said examination not to exceed one hour in length. The thesis must be satisfactory to a majority of the members of the Examining Committee, including the representative of the department in which the thesis was written.

A complete, typed copy of the thesis shall be in the hands of the professor under whom the thesis is written, for correction, by May 1, and three permanently bound typewritten copies shall be presented for examination not later than May 15 of the year in which it is expected the degree will be conferred. Theses submitted after May 15 shall not be considered as fulfilling the requirements for graduation in that academic year. In the case of extensive corrections of the thesis in the course of the examination, such retyping and rebinding of the thesis as the Committee of Examination may desire shall be required.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF DIVINITY

GENERAL REQUIREMENTS

Ninety semester-hours are required for graduation. Forty-two of these must be the following:

Old Testament	6 s.h.
New Testament	6 s.h.
Christian Doctrine	6 s.h.
Church History	6 s.h.
Homiletics and Practical Theology	6 s.h.
Religious Education	3 s.h.
Psychology of Religion	3 s.h.
History of Religion and Missions	6 s.h.
	42 s.h.

MAJORS AND THESES

Each student must select a major field in which he elects to write his thesis and in which he must take twelve semester-hours in addition to the general requirement in that field. This choice must be made by the end of the Middle year. A student may take his major in any of the departments of the School of Religion. He may also take his major in English Bible. To major in that field, he must complete in addition to the required work in the Departments of Old Testament and New Testament nine semester-hours in the Department of Old Testament and nine semester-hours in the Department of New Testament, exclusive of language.

12 s.h.

FREE ELECTIVES

Thirty-six semester-hours are designated as free electives. These are to be elected by the student, subject to the approval of the Faculty.

36 s.h.

90 s.h.

DISTRIBUTION OF COURSES BY YEARS

JUNIOR YEAR

Old Testament	6 s.h.
New Testament	6 s.h.
Church History	6 s.h.

The remaining twelve semester-hours shall be chosen from the remaining required courses or their normal sequences in the Departments of Homiletics and Practical Theology, Religious Education, Psychology of Religion, History of Religion and Missions, but not more than six semester-hours shall be taken in one department. Students desiring courses in Greek and Hebrew may secure a suitable rearrangement of the distribution of courses by years on approval of the Registration Committee.

12 s.h.

30 s.h.

MIDDLE YEAR

Christian Doctrine	6 s.h.
After completing all other required courses, the remainder of the work of this year is elective, but not more than twelve semester-hours shall be taken in one department.	24 s.h.
	<hr/> 30 s.h.

SENIOR YEAR

In the Senior year the student must fulfill all general requirements not completed in the Junior and Middle years. The remainder of the work is elective.	30 s.h.
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TABLE OF REQUIRED COURSES

OLD TESTAMENT

203-204. Introduction to the Old Testament	6 s.h.
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NEW TESTAMENT

213-214. The Beginnings of Christianity	6 s.h.
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CHRISTIAN DOCTRINE

321. Introduction to the Science of Theology	3 s.h.
322. The Content of Christian Doctrine	3 s.h.

CHURCH HISTORY

233. Church History to the Reformation	3 s.h.
234. The History of the Evangelical Movement	3 s.h.

HOMILETICS AND PRACTICAL THEOLOGY

341. Homiletics, <i>and either</i>	3 s.h.
251. The Rural Church and Sociology, <i>or</i>	3 s.h.
252. Rural Church Administration, <i>or</i>	3 s.h.
342. Sermon Construction, <i>or</i>	3 s.h.
343. Pastoral Psychology, <i>or</i>	3 s.h.
344. Psychology of Preaching, <i>or</i>	3 s.h.
355. Public Worship and Ordinances of the Church, <i>or</i>	3 s.h.
356. The Church's Service to the Community	3 s.h.

RELIGIOUS EDUCATION

261. Foundations of Religious Education, <i>or</i>	3 s.h.
262. Organization of Religious Education	3 s.h.

PSYCHOLOGY OF RELIGION

275. Introduction to the Psychology of Religion	3 s.h.
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HISTORY OF RELIGION AND MISSIONS

SR282. Living Religions of the World, <i>and</i>	3 s.h.
SR385. Missionary Promotion	3 s.h.

COURSES OF INSTRUCTION*

OLD TESTAMENT

201-202. Elementary Hebrew.—The principles and structure of the Hebrew language with translation of selected Old Testament narratives. M.W.F. at 11:30. 6 s.h. ASSISTANT PROFESSOR STINESPRING

203-204. Introduction to the Old Testament.—The origin, literary forms, and contents of the books of the Old Testament in their geographical and historical setting. M.W.F. at 8:00. 6 s.h. ASSISTANT PROFESSOR STINESPRING

301. Old Testament Theology.—The religious and ethical teachings of the books of the Old Testament in their historical development. Prerequisite: Old Testament 203-204. T.Th.S. at 10:20. 3 s.h. PROFESSOR RUSSELL

302. The Exegesis of Selected Books of the Old Testament.—A study of the Wisdom Literature with special emphasis on the Book of Job. Based on the English text. Prerequisite: Old Testament 203-204. T.Th.S. at 10:20. 3 s.h. ASSISTANT PROFESSOR STINESPRING

307-308. Advanced Hebrew.—Samuel or Kings the first semester and Isaiah the second. M.W.F. at 10:20. 6 s.h. ASSISTANT PROFESSOR STINESPRING

309. Ancient Oriental History.—The historical background of ancient Hebrew history in the light of archaeological discovery. T.Th.S. at 11:30. 3 s.h. ASSISTANT PROFESSOR STINESPRING

310. Old Testament Prophecy.—The prophetic movement in Israel with special emphasis on the prophets of the Eighth Century B. C. T.Th.S. at 11:30. 3 s.h. ASSISTANT PROFESSOR STINESPRING
[Not offered in 1937-38]

401-402. Thesis Seminar.—For students majoring in the Department of Old Testament. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.) DEPARTMENTAL STAFF

NEW TESTAMENT

SR211-212. Hellenistic Greek.—A course for students who wish to begin the study of New Testament Greek. T.Th.S. at 8:00. 6 s.h., provided the student takes six semester-hours in New Testament Greek the following year. DR. CLARK

213-214. The Beginnings of Christianity.—A survey course dealing with the background, the beginnings, and the early history of Christianity. Special attention is given to the creation of the literature of the New Testament. M.W.F. at 9:10. 6 s.h. PROFESSOR RUSSELL

* On recommendation of the professor in charge of the major field courses offered in the Graduate School of Arts and Sciences, other than those approved for credit in the School of Religion, may be approved for credit in individual cases, provided no equivalent course is offered in the School of Religion; each case to be decided on its merits.

217. The New Testament in Greek.—Considerable portions of the Greek text of the New Testament will be read and the principles of Hellenistic Greek studied. Prerequisite: six semester-hours study of the Greek language. T.Th.S. at 9:10. 3 s.h. DR. CLARK

218. Galatians and I Corinthians.—A detailed study of two of Paul's major epistles. The course will be based on the Greek text. Prerequisite: New Testament 217 or its equivalent. T.Th.S. at 9:10. 3 s.h. DR. CLARK

219. Life of Paul.—A study of Paul's life on the basis of the Acts and the Epistles. Consideration is given to Paul as a man, the factors entering into his character, and his permanent contribution to the world. M.W.F. at 9:10. 3 s.h. PROFESSOR MYERS

220. I Peter and the Gospel of John.—A detailed study of two of the non-Pauline writings of the New Testament. The course will be based on the Greek text. Prerequisite: New Testament 217 or its equivalent. T.Th.S. at 9:10. 3 s.h. DR. CLARK

[Not offered in 1937-38]

311. The Life and Teachings of Jesus.—Prerequisite: New Testament 213-214. M.W.F. at 10:20. 3 s.h. DR. CLARK

312. New Testament Theology.—The religious teachings of the books of the New Testament. Prerequisite: New Testament 213-214. M.W.F. at 10:20. 3 s.h. PROFESSOR RUSSELL

315. Hellenistic Religions at the Beginning of the Christian Era.—Prerequisite: New Testament 213-214. T.Th.S. at 10:20. 3 s.h.

[Not offered in 1937-38]

DR. CLARK

316. Judaism at the Beginning of the Christian Era.—A study of Judaism from the time of Ben Sirach to the writing of the Mishna. Prerequisite: New Testament 213-214. T.Th.S. at 10:20. 3 s.h. PROFESSOR BRANSCOMB

[Not offered in 1937-38]

318. Text of New Testament.—A study of the materials for the reconstruction of the text, the principles of textual criticism, and the history of the text. Practical exercises in the use of manuscripts and facsimiles will be given. Prerequisite: New Testament 213-214 and a reading knowledge of Greek. T.Th.S. at 10:20. 3 s.h. DR. CLARK

[Not offered in 1937-38]

411-412. Thesis Seminar.—The materials and methods for the investigation of New Testament problems, with individual research done under the direction of the members of the Department. Admission by special permission. (Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.) DEPARTMENTAL STAFF

CHRISTIAN DOCTRINE

321. Introduction to the Science of Theology.—A consideration of theology as a branch of science and an indication of some of the results obtained through the use of the scientific method in theological investigation. M.W.F. at 8:00. 3 s.h. PROFESSOR ROWE

322. The Content of Christian Doctrine.—A comprehensive survey of the leading doctrines of Christianity in the light of the religious thought and experience of the present age. M.W.F. at 8:00. 3 s.h. PROFESSOR ROWE

323. Theology in Ancient and Medieval Christianity.—The history of Christian thought from the Greek Fathers to the Scholastics with special attention to the ecumenical creeds. Prerequisite: Christian Doctrine 321-322. M.W.F. at 11:30. 3 s.h. PROFESSOR ROWE

324. Theology in Modern Christianity.—The history of Christian thought from the beginning of the Reformation to the present time. Prerequisite: Christian Doctrine 321-322. M.W.F. at 11:30. PROFESSOR ROWE

325. Soteriology.—A study of the Christian doctrine of salvation and a comparison of the various ways by which the saving power of God is thought to take effect in personal and social life. Prerequisite: Christian Doctrine 321-322. M.W.F. at 3:00. 3 s.h. PROFESSOR ROWE

326. Eschatology.—A study of "the last things" in the light of the Christian hope for the individual and for society with special emphasis upon personal immortality. Prerequisite: Christian Doctrine 321-322. M.W.F. at 3:00. 3 s.h. PROFESSOR ROWE

327. Arminian Theology.—A study of Arminianism in the religious thought of England and America with special reference to the system of doctrine contained in the theological writings and doctrinal standards of Methodism. Prerequisite: Christian Doctrine 321-322. M.W.F. at 3:00. 3 s.h.
[Not offered in 1937-38] PROFESSOR ROWE

328. Current Theology.—A survey of the field of contemporary theology with special attention given to the most significant and influential movements of reconstruction and reaction in liberal Christianity. Prerequisite: Christian Doctrine 321-322. M.W.F. at 3:00. 3 s.h. PROFESSOR ROWE
[Not offered in 1937-38]

421-422. Thesis Seminar.—A seminar in thesis guidance. For students majoring in the Department of Christian Doctrine. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.)

301. Old Testament Theology.—Identical with Old Testament 301. For description of courses see p. 13. T.Th.S. at 10:20. 3 s.h. PROFESSOR RUSSELL

312. New Testament Theology.—Identical with New Testament 312. For description of course see p. 14. M.W.F. at 10:20. 3 s.h. PROFESSOR RUSSELL

CHURCH HISTORY

233. Church History to the Reformation.—A survey of the growth of the Christian Church from the Apostolic Age to the Reformation. M.W.F. at 10:20. 3 s.h. ASSISTANT PROFESSOR PETRY

234. History of the Evangelical Movement.—Beginning with the Lutheran Reformation, this course traces the rise, growth, influence, and history to 1800 of the Calvinistic, Anglican, Reformed, Quaker, Baptist, and Methodist movements. M.W.F. at 10:20. 3 s.h. PROFESSOR GARBEL

331. The Social Message of the Early and Medieval Church.—A study of the social teachings of the Christian Church prior to the Protestant Reformation, stressing the contributions of Christianity to social progress. Prerequisite: Church History 233-234. T.Th.S. at 8:00. 3 s.h. ASSISTANT PROFESSOR PETRY

332. The Medieval Church.—Outstanding characteristics of the Medieval Church, emphasizing theory, polity, institutions, sacraments, and worship. Prerequisite: Church History 233-234. T.Th.S. at 8:00. 3 s.h. ASSISTANT PROFESSOR PETRY

333. Protestantism and Catholicism in Europe since 1800.—A study of the religious situation in Europe in modern times, emphasizing the papacy in the age of nationalism, relations of church and state, German theology of the nineteenth century, and the Oxford Movement. Prerequisite: Church History 233-234. M.W.F. at 11:30. 3 s.h.

PROFESSOR GARBER

[Not offered in 1937-38]

334. The Church in America: The National Period.—Major emphasis is placed upon relations of church and state, steps toward Christian unity, the small sects, the Young People's Movement, Christian education, and modern theological issues. Prerequisite: Church History 233-234. M.W.F. at 11:30. 3 s.h.

PROFESSOR GARBER

335. Modern Religious Leaders.—A study of outstanding individuals who have influenced the thought and program of the modern church. The life, work, and contributions of about twenty representative Christian leaders. Prerequisite: Church History 233-234. M.W.F. at 11:30. 3 s.h.

PROFESSOR GARBER

336. Religious Leaders of the Early and Medieval Church.—Among those to be studied are Justin Martyr, Origen, Cyprian, Jerome, Augustine, Benedict of Nursia, Athanasius, Gregory VII, Abelard, St. Thomas Aquinas, Innocent III, and John Wyclif. Prerequisite: Church History 233-234. M.W.F. at 11:30. 3 s.h.

ASSISTANT PROFESSOR PETRY

338. Religion in the Southern States since the Civil War.—A study of the religious life of the Southern people since 1865. Prerequisite: Church History 233-234. 3 s.h.

PROFESSOR GARBER

[Not offered in 1937-38]

339. Seminar in Methodism.—Selected studies in the rise and growth of Methodism. Prerequisite: Church History 233-234. M. at 4:00. 2 s.h.

PROFESSOR GARBER

431-432. Thesis Seminar.—Principles and Practice of Research. (Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.) T. at 2:00.

PROFESSOR GARBER

HOMILETICS AND PRACTICAL THEOLOGY

Students deficient in public speaking are advised to register for English 151 in the undergraduate department, but without credit toward the degree of Bachelor of Divinity.

SR341. Homiletics.—An introduction to the theory and practice of preaching. Practical problems in preaching are investigated to determine the causes of success and failure. Opportunity for practice preaching will be afforded. T.Th.S. at 9:10. 3 s.h.

PROFESSOR MYERS

SR342. Sermon Construction.—A study of problems in sermon construction and points of psychological contact between the preacher and his congregation. The class work will involve a critical analysis of selected sermons, with written reports. T.Th.S. at 9:10. 3 s.h.

PROFESSOR MYERS

343. Pastoral Psychology.—Identical with Psychology of Religion 373. For description of course see p. 19. T.Th. at 4:00 to 5:30. 3 s.h.

[Not offered in 1937-38]

PROFESSOR HICKMAN

344. The Psychology of Preaching.—Identical with Psychology of Religion 374. For description of course see p. 19. T.Th. at 4:00 to 5:30. 3 s.h.

[Not offered in 1937-38]

PROFESSOR HICKMAN

351. The Rural Church and Sociology.—A study of the religious, social, educational, and economic conditions of the country; the historical development of the church in the midst of rural social relations; an attempt to discover the present obligation of the church. T.Th.S. at 8:00. 3 s.h.

PROFESSOR ORMOND

352. Rural Church Administration.—This course will deal with the functions of the rural church; the minister's attitude toward rural life, his mission to the rural people, as well as his service in managing the organization of and supervising the church program. T.Th.S. at 8:00. 3 s.h.

PROFESSOR ORMOND

SR353-354. Practicum on Rural Church Work.—(a) The basic elements in the minister's character and personality that are essential to successful leadership. (b) Developing ministerial efficiency by conserving the educational values of actual experiences of ministerial students in rural churches. Hours to be arranged. 2 s.h.

PROFESSOR ORMOND

SR355. Public Worship and Ordinances of the Church.—The principles and practice of worship in the church; celebration of the Lord's Supper; conduct of funerals, baptisms, weddings, reception of members. T.Th.S. at 8:00. 3 s.h.

PROFESSOR ORMOND

[Not offered in 1937-38]

SR356. The Church's Service to the Community.—This course deals with the needs of and service to the rural community; personal and educational evangelism. T.Th.S. at 8:00. 3 s.h.

PROFESSOR ORMOND

[Not offered in 1937-38]

SR358a. Church Music.—A study of hymnology, song leading, and problems of the modern church choir. M.W. at 11:30. 2 s.h.

MR. BARNES

SR358b. Church Architecture.—A study of the best types of church architecture for attractiveness and effective service in open country and towns. F. at 11:30. 1 s.h.

MR. HAINES

451. Thesis Seminar.—(Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.)

DEPARTMENTAL STAFF

***220. Rural Sociology.**—Identical with Sociology 220. For description of course see p. 21. 3 s.h.

ASSISTANT PROFESSOR THOMPSON

RELIGIOUS EDUCATION

261. Foundations of Religious Education.—A study of the fundamental conceptions underlying the theory of Christian education, including social, psychological, and theological aspects. T.Th.S. at 11:30. 3 s.h.

PROFESSOR SMITH

262. Organization of Religious Education.—The development of a system of organization and administration based upon constructive educational theory, and embracing week-day as well as Sunday agencies of religious education. T.Th.S. at 11:30. 3 s.h.

PROFESSOR SPENCE

263. Curriculum of Religious Education.—Educational conceptions of the curriculum; values and uses of current curricula; principles and technics of curriculum construction. T.Th.S. at 11:30. 3 s.h.

PROFESSOR SPENCE

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

267. Technic of Teaching Religion.—Objectives and principles of the teaching process, including a discussion of the major types of educational procedure. T.Th.S. at 11:30. 3 s.h. PROFESSOR SPENCE
[Not offered in 1937-38]

SR265. Religious Drama.—A study of the uses and underlying principles of religious drama, followed by a critical examination of selected dramatic productions. M.W.F. at 9:10. 3 s.h. PROFESSOR SPENCE

SR268. Drama Construction and Production.—The course will deal with the use of drama in religious education with special reference to the church and church school. It is contemplated that there will be practice in teaching through dramatics; in actually creating dramatic programs of worship, and in the writing and producing of drama. M.W.F. at 9:10. 3 s.h. PROFESSOR SPENCE

266. Educational Aspects of Worship.—A study of worship in its bearing upon the educational function of the Christian religion. Students admitted on consultation. T.Th.S. at 11:30. 3 s.h. PROFESSOR SMITH
[Not offered in 1937-38]

362. Ethical Theory of Christian Education.—The implications of Christian ethics for religious education in contemporary society. Prerequisite: Religious Education 261 or its equivalent. T.Th.S. at 11:30. 3 s.h. PROFESSOR SMITH

363-364. Religious Thought in the Rise of American Culture.—A survey of the main developments in American religious thought in relation to the growth of civilization and culture. Prerequisite: Religious Education 261 or its equivalent. M.W.F. at 9:10. 6 s.h. PROFESSOR SMITH

365. Seminar in Character Education and the State.—A study of the state as character educator, involving a critical examination of the ethical philosophy of the secular state, and of the modern theories and practices of character education. Prerequisite: Religious Education 261 or its equivalent. F. at 4:00. 2 s.h. PROFESSOR SMITH

366. Seminar in Philosophy of Religious Education.—A critical study of the basic concepts and theories underlying religious education. Prerequisite: Religious Education 261 or its equivalent. F. at 4:00. 2 s.h. PROFESSOR SMITH

461-462. Thesis Seminar.—A seminar in thesis guidance. For students majoring in the Department of Religious Education. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.) DEPARTMENTAL STAFF

PSYCHOLOGY OF RELIGION

275. Introduction to the Psychology of Religion.—Study of the major factors of religious experience, together with conditions bearing upon its genesis and growth. T.Th.S. at 8:00. 3 s.h. PROFESSOR HICKMAN

276. Advanced Psychology of Religion.—Psychological study of such problems as worship, prayer, and various types of belief. Some attention to special problems. Prerequisite: Psychology of Religion 275 or its equivalent. T.Th.S. at 8:00. 3 s.h. PROFESSOR HICKMAN

371. The Genetic Psychology of Religion.—Principles of genetic psychology as they relate to the growth of religious experience. Prerequisite: Psychology of Religion 275 or its equivalent. T.Th. at 4:00-5:30. 3 s.h. PROFESSOR HICKMAN

372. Mysticism in Religion.—Study of historical development of mystical phases of Christianity. Effort to determine abiding worth of mystical tendencies in religious experience. Prerequisite: Psychology of Religion 275 or its equivalent. T.Th. at 4:00-5:30. **3 s.h.** PROFESSOR HICKMAN

373. Pastoral Psychology.—Study of basic psychological and psychiatric principles pertaining to the understanding and care of cases necessarily dealt with in pastoral work. T.Th. at 4:00-5:30. **3 s.h.** PROFESSOR HICKMAN
[Not offered in 1937-38]

374. Psychology of Preaching.—A psychological study of the preaching motive, the relation of the preacher to his congregation, and the relation of the preacher to society in general. T.Th. at 4:00-5:30. **3 s.h.** PROFESSOR HICKMAN
[Not offered in 1937-38]

377-378. Seminar: Theories of Self.—Bearing of psychological theories of self upon religious theory. For advanced students in philosophy, psychology, or psychology of religion. Hours to be arranged. **4 s.h.** PROFESSOR HICKMAN

471-472. Thesis Guidance.—(Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.) PROFESSOR HICKMAN

***201. Social Psychology.**—Open to students in School of Religion on consent of instructor. T.Th. at 9:10. **2 s.h.** PROFESSOR McDUGALL

***223. Abnormal Psychology.**—Open to students in School of Religion on consent of instructor. T.Th.S. at 10:20. **3 s.h.** ASSOCIATE PROFESSOR LUNDHOLM

***219. History of Psychology.**—Open to students in the School of Religion on consent of instructor. T.Th. at 9:10. **2 s.h.** PROFESSOR McDUGALL
[Not offered in 1937-38]

***228. Psychology of Belief.**—Open to students in School of Religion on consent of instructor. T.Th. at 10:20. **2 s.h.** ASSOCIATE PROFESSOR LUNDHOLM

HISTORY OF RELIGION AND MISSIONS

SR282. Living Religions of the World.—A survey of the religious systems of India, China, and Japan, followed by a study of Judaism, Mohammedanism, and Christianity, the object being to trace the historical development of each religion. T.Th.S. at 10:20. **3 s.h.** PROFESSOR CANNON

283. Expansion of Christianity.—The spread of Christianity as interpreted in the light of political, social, economic, and other factors. M.W.F. at 9:10. **3 s.h.** PROFESSOR CANNON
[Courses 283 and 382 are offered in alternate years.]

285. The Religions of Eastern Asia.—A study of the religious systems of China, Korea, and Japan. T.Th.S. at 9:10. **3 s.h.** PROFESSOR CANNON
[Not offered in 1937-38]

286. The Religions of India.—A study of present-day religious movements in India, with special reference to Hinduism. T.Th.S. at 9:10. **3 s.h.** PROFESSOR CANNON
[Courses 285 and 286 are offered in alternate years.]

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

382. Comparative Religion.—The ideas of God, sin, salvation, the future life, and ethics in the religions of the world. Prerequisite: course 282. (Not over three of the ideas listed will be studied in any one year.) M.W.F. at 9:10. 3 s.h. PROFESSOR CANNON

383. Buddhism.—India at the rise of Buddhism. Life of the Buddha and the teachings of early Buddhism. Development into the Hinayana and Mahayana schools, its spread and present condition in southern and eastern Asia. Prerequisite: course 282. M.W.F. at 9:10. 3 s.h. PROFESSOR CANNON

384. Mohammedanism.—The life of Mohammed and the religion of Islam, special attention being given to the Koran and its teaching. The aim is to interpret Mohammedanism as a force today. Prerequisite: course 282. M.W.F. at 9:10. 3 s.h. PROFESSOR CANNON

[Courses 383 and 384 are offered in alternate years.]

SR385. Missionary Promotion.—The promotion of the missionary enterprise at the home base. T.Th.S. at 10:20. 3 s.h. PROFESSOR CANNON

481-482. Thesis Seminar.—Problems of research in History of Religion and Missions. Open to advanced students on approval of the instructor. Prerequisite: six semester-hours in the department. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.) PROFESSOR CANNON

Additional courses for majors in this Department: Old Testament 209; Ancient Oriental History; New Testament 315; Hellenistic Religions at the Beginning of the Christian Era; Church History 335; Modern Religious Leaders.

PHILOSOPHY

***203. The Philosophy of Conduct.**—A critical study of the fundamental problems of ethics. Prerequisite: 6 s.h. in philosophy. T.Th.S. at 11:30. 3 s.h. ASSOCIATE PROFESSOR MORGAN

***204. Christian Ethics.**—This course attempts a critical inquiry into the fundamental concepts and principles of conduct in the light of Christianity. It seeks to show the practical application of these concepts and principles in a doctrine of Christian virtue and duties. Prerequisite: one course in ethics or permission of the instructor. T.Th.S. at 11:30. 3 s.h. DR. McLARTY

***209. Philosophy of Religion I: Philosophical Introduction.**—Religion viewed from the standpoint of consideration of deity. T.Th. at 2:15-3:30. 3 s.h. PROFESSOR WIDGERY

[Not offered in 1937-38]

***210. Philosophy of Religion II: Philosophical Introduction.**—Religion viewed from the standpoint of the nature of man, his origin and destiny. T.Th. at 2:15-3:30. 3 s.h. PROFESSOR WIDGERY

SOCIOLOGY

At least five semester-hours of undergraduate sociology are prerequisite to all courses of the Department, except SR202. This course is designed

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

especially for students whose undergraduate training in sociology has been inadequate. Such students who wish to pursue further work in the Department are advised to enroll in course SR202 as an elective as soon as possible after matriculation in the School of Religion.

SR202. Sociology and Religion.—The bearing of sociology upon religious problems and religious work. M.W.F. at 2:00. 3 s.h. PROFESSOR JENSEN

205. Social Pathology.—A study of the causes, extent, significance, and constructive treatment of the principal forms of pathology in modern society: poverty, physical defectiveness, malnutrition, mental deficiency, mental disease, undirected leisure activities, and unstandardized commercial recreation, alcoholism, prostitution, vagrancy, and delinquency. T.Th.S. at 8:00. 3 s.h. PROFESSOR JENSEN

206. Criminology.—A study of the original tendencies of man and the problem of socializing these tendencies; the relations of physical and mental defectiveness and untoward influences in the home and neighborhood to crime; the development of criminological theory and procedure, emphasizing penal and reform methods, and especially modern methods of social treatment and prevention of crime. T.Th.S. at 8:00. 3 s.h. PROFESSOR JENSEN

212. Child Welfare.—A study of heredity and environment as factors in personality development: infant conservation; welfare responsibilities of the school, emphasizing the physical and mental well-being of the child, play, compulsory and industrial education; child labor, diagnosis and treatment of delinquency; care of the dependent and neglected child; child-caring agencies, public and private; and a community program of child welfare. 3 s.h. PROFESSOR JENSEN

[Not offered in 1937-38]

217. General Anthropology.—A study of the origin and evolution of man as an animal and of the different races of mankind. The prehistoric human types, the principles of ethnology, and the characteristics of the Negro, Mongolian, American, and Caucasian races. Lectures and assigned reading. M.W.F. at 10:20. 3 s.h. PROFESSOR ELLWOOD

218. Cultural Anthropology.—A study of social origins and of the earliest stages of cultural evolution; the stone and metal ages; the origins of industry, language, magic, religion, morals, science, art, and social organization in the family, horde, clan, and tribe. Lectures and assigned reading. M.W.F. at 10:20. 3 s.h. PROFESSOR ELLWOOD

***219. Urban Sociology.**—This course studies the function of the city in the larger community which it nucleates both as market and as industrial center. More detailed attention, however, is given to the inner life and problems of the city. M.W.F. at 8:00. 3 s.h. ASSISTANT PROFESSOR THOMPSON

***220. Rural Sociology.**—A study of the societies developed by people who settle the land and exploit it for a livelihood. The institutions peculiarly rural are the family farm, the peasant village, the ranch, and the plantation. In this course special attention is given to the plantation and the rural problems of the South. M.W.F. at 8:00. 3 s.h. ASSISTANT PROFESSOR THOMPSON

***242. Marriage and the Family.**—A survey of the problems connected with the institutions of marriage and the family in our civilization. M. 3:00-5:00. 2 s.h. PROFESSOR GROVES

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

319. Principles of Sociology.—A critical study of sociological theory. The sociological theories of recent writers will be critically examined with a view to laying the foundation for a constructive theory of the social life in modern biology and psychology. Prerequisite: permission of the instructor. T.Th.S. at 10:20. 3 s.h. PROFESSOR ELLWOOD

320. History of Social Philosophy.—Lectures on the development of social thought from Aristotle to the present; the social philosophies of Plato, Aristotle, St. Augustine, Thomas Aquinas, Machiavelli, Bodin, Hobbes, Locke, Vico, Montesquieu, Rousseau, Condorcet, and the sociological systems of Comte, Spencer, Schaeffle, Lilienfeld, Gumpłowicz, Ratzenhofer, and Ward, will, among others, be considered. Prerequisite: permission of the instructor. T.Th.S. at 10:20. 3 s.h. PROFESSOR ELLWOOD

GENERAL INFORMATION

FEES

Tuition is remitted to students matriculated in the School of Religion, for which they are expected to render from time to time service which shall not interfere with their work in the School of Religion.

Each student is assessed per semester as follows:

Matriculation fee	\$25.00
Library fee	5.00
Athletic fee	5.00
Publication fee (optional)	2.50
Hospital fee	5.00
Damage fee	1.00

Each student is assessed, in the last semester before a degree is conferred, a commencement fee of \$3.00 and a diploma fee of \$5.00. The latter fee is refunded if the diploma is not awarded.

LATE REGISTRATION

Students matriculating in either semester at a date later than that prescribed in the catalogue shall pay to the Treasurer of the University a penalty of \$5.00.

ROOMS

All rooms in the dormitories are provided with heat, water, and electric light. Each student furnishes his own blankets, sheets, pillow-slips, towels, and pillows. Students must furnish their own electric lamps, which can be purchased from the University Store.

Rooms for a given year may be engaged at the office of the Director in the Business Division at any time before May 15 of the preceding year. Every student who wishes to retain his room for the succeeding year must notify the office of the Director in the Business Division on or before May 15. All rooms which have not been signed for on or before May 15 will be considered vacant for the succeeding year. A reservation is canceled, and the University is free to rent the room to other students, unless a deposit of \$5.00 for each proposed occupant, in part payment of the rent, is made by August 1. Further information concerning the rental of rooms can be secured from the Registrar of the School of Religion.

BOARDING HALLS

The University dining hall in the University Union has accommodations for all the resident men students. It is the policy of the University to furnish board to the students at actual cost. Board may be secured at the Union for an amount not to exceed \$25 per month. The Union is the logical center of student activities, and all male students are advised to board in its supervised halls.

STUDENT AID

Scholarships are available for students, the terms of which may be ascertained by correspondence with the Registrar of the School of Religion. Aid is also given in securing positions in churches. Students who need financial help may be assured that the administration will do all in its power to give the necessary assistance.

THE LIBRARY

The School of Religion has its own library, conveniently housed in the School of Religion Building. The Library, which contains materials dealing with the subject of religion, already numbers nearly thirty thousand volumes. It has been carefully selected and is the equivalent in working efficiency of many libraries which are much larger. It is already rich in complete files of the more important journals and periodicals, in sets containing source materials for the study of the history of religion and missions, in facsimiles of the more important manuscripts of the New Testament, and in source materials in the field of American church history. The Library is being rapidly expanded. Two private libraries of note have been purchased, one of the late Dr. Graf von Baudissin, Professor of Old Testament at the University of Berlin, and the other of the late Dr. Karl Holl, Professor of Church History in the same university, and these have added valuable material in these fields. One of the outstanding possessions of the Library is a magnificent Greek manuscript of the thirteenth or fourteenth centuries containing the entire text of the New Testament.

Besides this special library, students of the School of Religion have the use of the General Library of the University, the Library of the School of Law, and the Library of the School of Medicine. All these libraries are located near the School of Religion Building.

FACILITIES FOR ADVANCED STUDY IN THE AMERICAN SCHOOLS OF ORIENTAL RESEARCH

The School of Religion of Duke University is one of the supporting members of the American Schools of Oriental Research. This grants to students in the School of Religion the privilege of attending the American School in Jerusalem or the one in Bagdad without charge for tuition. They are also able to compete for the financial aids that are offered annually by the Schools. These consists of four fellowships, the stipends depending upon available funds.

RELIGIOUS LIFE

The students of the School of Religion are expected to attend the regular University Chapel services which are held on Tuesday, Wednesday, and Friday of each week. A special chapel service for the School of Religion is held each Thursday morning.

In this, as in other features of the University life, the students of the School of Religion are urged to identify themselves with the life of the whole student group.

DATE OF REGISTRATION

Class work in the School of Religion for the academic session of 1937-38 will begin on Monday, September 27, 1937. The registration of students in the School of Religion will begin on Friday, September 24, 1937. Registration should be completed by Saturday, September 25, 1937.

ADDITIONAL INFORMATION

Requests for information not contained in this bulletin should be addressed to the Registrar of the School of Religion, Duke University, Durham, North Carolina.

JUNALUSKA SCHOOL OF RELIGION

ANNOUNCEMENT

The tenth session of the Junaluska School of Religion will be held at Lake Junaluska, North Carolina, from June 10 to July 20, 1937, in connection with the Junaluska Summer School, Inc. It will be conducted under the joint management of Duke University and the Board of Christian Education with the co-operation of the Board of Missions and other boards of the Methodist Episcopal Church, South.

The purpose is to conduct a summer school of religion to meet the growing demand for advanced study in the Bible, theology, religious education, missions, and allied subjects.

There will be two classes of students: those who are graduates of high schools and who may have had one or more years in college, and those who are graduates of colleges. The School is open to men and women. The credits secured for work done will be Duke University credits, and will count toward the A.B. and B.D. degrees.

The School is designed for pastors, church workers, missionaries, and students who desire to fit themselves better for their work or to add credits looking toward the securing of university degrees.

INSTRUCTORS

ELMER TALMAGE CLARK, A.B., M.A., B.D., S.T.D., LL.D.

Assistant Secretary, Board of Missions

METHODIST EPISCOPAL CHURCH, SOUTH

KENNETH WILLIS CLARK, A.B., B.D., Ph.D.

Instructor in New Testament

DUKE UNIVERSITY

MASON CRUM, A.B., Ph.D.

Assistant Professor of Biblical Literature

DUKE UNIVERSITY

PAUL NEFF GARBER, A.B., A.M., Ph.D.

*Professor of Church History and Director of the Junaluska
School of Religion*

DUKE UNIVERSITY

HIRAM EARL MYERS, A.B., S.T.B., S.T.M.

Professor of English Bible

DUKE UNIVERSITY

COURSES

Courses will be offered meeting five times a week for eighty-minute periods. Each course, satisfactorily completed, will receive a credit of three semester-hours in Duke University. Two such courses may be taken by each student. The courses offered are divided into two groups. The first group consists of courses for college undergraduates who are graduates of high schools and who desire credits looking toward the A.B. degree. The second group consists of courses for college graduates who desire credits looking toward the B.D. degree. These courses may also be taken by college undergraduates who have completed the Junior year and who are ranked as incoming Seniors in college.

GROUP I

FOR COLLEGE UNDERGRADUATES

S54. Great Epochs in Church History.—The most important events in the history of the Christian Church from the Apostolic Age through the Reformation are considered in their bearing on civilization. *Period A.*

MR. E. T. CLARK

S129. Character Problems.—Problems of youth in character building. *Period D.*

MR. CRUM

S170. Religion and the Modern Home.—A study of the American home in its contemporary social and religious aspects. *Period B.*

MR. CRUM

GROUP II

FOR COLLEGE GRADUATES

AND FOR COLLEGE SENIORS

S206. The Message of the Hebrew Prophets.—The beginnings of written prophecy among the Hebrews; the characteristic message of each of the great prophets of the eighth and seventh centuries interpreted in the light of the cultural factors which called forth the message; the immediate effect and modern value. *Period D.*

MR. K. W. CLARK

S207. The Ethical Ideals of Judaism.—A study of the successive legal codes developed by the ancient Hebrews, with special attention to the sociological conditions out of which they emerged, the religious concepts which they expressed, and the progressive ethical standards which they reflect. *Period B.*

MR. K. W. CLARK

S219. Life of Paul.—A study of Paul's life on the basis of the Acts and the Epistles. Consideration is given to Paul as a man, the factors entering into his character, and his permanent contribution to the world. *Period B.*

MR. MYERS

S237. Methodism.—A study of the beginning and growth of the Methodist societies in England, of early Methodism in America, and of the development of the several branches of the Methodist Church in America. *Period A.*

MR. GARBER

S241. Homiletics.—An introduction to the theory and practice of preaching. Practical problems in preaching are investigated to determine the causes of success and failure. Opportunity for practice preaching will be afforded. *Period A.*

MR. MYERS

ADDITIONAL INFORMATION

A registration fee of \$20.00 and a library and recreation fee of \$2.00 are due at time of registration.

Students are of course responsible for their own arrangements for board and room. Those desiring to engage room and board in the Board of Christian Education lodges should write W. E. Hogan, 810 Broadway, Nashville, Tennessee. Those desiring to stay in the Mission Inn should correspond with J. F. Rawls, Doctors' Building, Nashville, Tennessee. Those desiring to room elsewhere should write to James Atkins, Jr., Lake Junaluska, North Carolina.

All sessions of the School will be held in the Mission Building at Lake Junaluska.

Academic matters will be in charge of the Faculty of the School of Religion, Elbert Russell, Dean.

Those desiring further information concerning courses and conditions of work should address J. Q. Schisler, Board of Christian Education, 810 Broadway, Nashville, Tennessee, or Paul N. Garber, Registrar, School of Religion, Duke University, Durham, North Carolina.

ROLL OF STUDENTS, SCHOOL OF RELIGION

SENIOR YEAR

Andrus, Willam Darwin A.B., Rice Institute, 1934.	Houston, Texas
Barclift, Chancie DeShield A.B., Duke, 1927.	Durham, N. C.
Baker, Clarence Eugene A.B., Wake Forest College, 1931.	Durham, N. C.
Bennett, Luther Alcorn A.B., Millsaps College, 1934.	Fulton, Miss.
Breazeale, James Branson A.B., Southwestern College at Memphis, 1934.	Danville, Va.
Burns, Lacy Harvey A.B., Morris-Harvey College, 1933.	Beckley, W. Va.
Copeland, James Marion A.B., Wofford College, 1934.	Chester, S. C.
Cox, Abram Jones A.B., Lenoir-Rhyne College, 1935.	Hickory, N. C.
Crossno, Ramsey Leon A.B., Asbury College, 1933.	Bells, Tenn.
Dunn, Millard Charles A.B., Duke, 1928.	Bahama, N. C.
DuBose, Clarence Franklin A.B., Wofford College, 1931.	Irmo, S. C.
Duffie, George Summers A.B., Wofford College, 1930.	Chester, S. C.
Dutton, William Clarke A.B., Emory and Henry College, 1923.	Monroe, N. C.
Ellenberg, John Vinson A.B., Wake Forest College, 1933.	Durham, N. C.
Eubank, Graham Stanford A.B., Wofford College, 1933.	Pinetops, N. C.
Fast, Jennings Howard A.B., Morris-Harvey College, 1934.	Charleston, W. Va.
Greene, Johnnie Thomas A.B., Duke, 1936.	Durham, N. C.
Grisham, Roy Arnold A.B., Millsaps College, 1928.	Horn Lake, Miss.
Gruver, Esdras Stuart B.S., University of Maryland, 1933.	Hyattsville, Md.
Hartz, Edwin Ruben A.B., Central Missouri State Teachers College, 1933.	Roxboro, N. C.
Hozendorf, Connie Ray A.B., Millsaps College, 1934.	Mendenhall, Miss.

Huneycutt, Wiley Jackson B.S., Davidson College, 1932.	West Jefferson, N. C.
Jones, Sam Bruce A.B., Murray State College, 1934.	Hazel, Ky.
Kimbrell, Charles Wesley B.S., Central College, 1930.	Norborne, Mo.
Lee, Robert Steele B.S., Tennessee State Teachers College, 1934.	Murfreesboro, Tenn.
Lewis, Henry Barton A.B., Millsaps College, 1934.	Edwards, Miss.
Mathison, Ovie Wilson A.B., Birmingham-Southern College, 1934.	Ozark, Ala.
Mullis, Dwight Bruton A.B., Wake Forest College, 1934.	Charlotte, N. C.
Ormond, John Kern A.B., Duke, 1935.	Durham, N. C.
Phibbs, Andrew Frank, Jr. A.B., Duke, 1933.	Crabtree, N. C.
Pledger, William Ferrell A.B., Southwestern, 1935.	Tyler, Texas
Randall, Eugene Boyd A.B., Emory and Henry College, 1933.	East Radford, Va.
Reese, Malcolm Cephus A.B., Lenoir-Rhyne College, 1932.	Hickory, N. C.
Shinn, Fred Harris A.B., Duke, 1930.	Morven, N. C.
Shore, Philip Linus, Jr. A.B., Duke, 1935.	Trinity, N. C.
Stephenson, Marion Osborne A.B., Duke, 1932.	Durham, N. C.
Taylor, Paul Richard A.B., Elon College, 1934.	Liberty, N. C.
Townsley, Inman Ueber A.B., University of California, 1933.	Modesto, Calif.
Turner, Clarence Ambrose, Jr. A.B., William and Mary College, 1930.	Martinsville, Va.
Warren, Millard Whitfield A.B., Duke, 1931.	Youngsville, N. C.
Wilkerson, Milton Chick A.B., Hampden-Sydney College, 1933.	Farmville, Va.
Willis, Sidney Lane A.B., Emory and Henry College, 1934.	Christiansburg, Va.
Young, James Doyne A.B., Lambuth College, 1930.	Pittsboro, N. C.

MIDDLE YEAR

Bearden, Robert Edward Lee A.B., Henderson State College, 1935.	Russellville, Ark.
Beatty, Charles David A.B., Duke, 1935.	Pittsburgh, Pa.

Budd, Allen Clark A.B., Duke, 1935.	Greenwood, Fla.
Ellzey, William Clark A.B., Southeast Missouri State Teachers College, 1936.	Cape Girardeau, Mo.
Goodson, Walter Kenneth A.B., Catawba College, 1934.	Oak Ridge, N. C.
Hardin, Elliott Wannamaker A.B., Wofford College, 1935.	Charlotte, N. C.
Hickman, Victor Ralph A.B., Wofford College, 1935.	Springfield, S. C.
Holmes, Julian John A.B., Lenoir-Rhyne College, 1935.	Statesville, N. C.
Houck, Winton Robert A.B., Morris-Harvey College, 1935.	Maben, W. Va.
Hutchins, Walter Wilbur A.B., High Point College, 1935.	Apex, N. C.
Hyde, Forrest Ervin A.B., Elon College, 1934.	Sanford, N. C.
Jarvis, Charles Samuel A.B., American, 1935.	Washington, D. C.
Jones, Joseph Simeon A.B., Elon College, 1932.	Mebane, N. C.
Keller, Albert Freed A.B., Duke, 1935.	Norfolk, Va.
Kester, Grier Smith, Jr. B.S., University of South Carolina, 1933.	Columbia, S. C.
Lane, Daniel A.B., Duke, 1913.	Durham, N. C.
Lowman, Everett Herman A.B., Berea College, 1935.	Connelly Springs, N. C.
Miller, John Carlisle A.B., Birmingham-Southern College, 1935.	Malvern, Ala.
Morris, Clarence Poe A.B., High Point College, 1933.	Pinnacle, N. C.
Morton, Hilton Osro A.B., Redlands College, 1935.	Santa Ana, Calif.
Myers, Horwood Prettyman, Jr. A.B., Randolph-Macon College, 1935.	Nashville, Tenn.
Patterson, Floyd Merrill A.B., Southern Methodist, 1935.	Dallas, Texas
Rickard, Harry Cleveland A.B., Shepherd State Teachers College, 1935.	Churchville, Va.
Rink, James Edward A.B., Duke, 1935.	Winston-Salem, N. C.
Shackford, Joseph Temple A.B., Duke, 1934.	Rock Hill, S. C.
Shives, Marshall Bell A.B., Lenoir-Rhyne College, 1935.	Lincolnton, N. C.

Smith, Aubert Marlyn	High Point, N. C.
A.B., High Point College, 1935.	
Swann, Edgar Allen	Clifton Forge, Va.
A.B., Emory and Henry College, 1935.	
Taylor, Voigt Otway	Columbia, S. C.
A.B., Newberry College, 1929.	
Waggoner, John Phillip, Jr.	Charlotte, N. C.
A.B., Duke, 1935.	
White, Percy Daniel	Dare, Va.
A.B., Emory and Henry College, 1935.	

JUNIOR YEAR

Bloodworth, Marcus Herring	Norfolk, Va.
A.B., Randolph-Macon College, 1936.	
Boyd, George Hilliard	Rocky Mount, Va.
A.B., Roanoke College, 1936.	
Brandon, Joseph Max, Jr.	Morganton, N. C.
A.B., Duke, 1936.	
Coley, Herman Theophilus	Eureka, N. C.
A.B., Wofford College, 1936.	
Collins, Claude Ray	Christiansburg, Va.
A.B., Emory and Henry College, 1936.	
Hamilton, John Reynolds	Salisbury, N. C.
A.B., Catawba College, 1936.	
Hardin, Henry Grady, Jr.	Lake Junaluska, N. C.
A.B., Duke, 1936.	
Harmon, John Calvin	Durham, N. C.
A.B., Duke, 1934.	
Heckard, Cecil Linwood	Albemarle, N. C.
A.B., Wofford College, 1936.	
*Higgins, James Silvester	Guilford College, N. C.
A.B., High Point College, 1937.	
Hinson, James Noel	Nettleton, Miss.
B.S., Millsaps College, 1936.	
Hubbard, Charles Spence	Sanford, N. C.
A.B., University of North Carolina, 1936.	
Jarvis, James Clair	Hamlin, W. Va.
A.B., Morris-Harvey College, 1936.	
Lindsay, Julian Astor	Washington, N. C.
B.S., Virginia Polytechnic Institute, 1935.	
McCulley, Robert William	Lenoir, N. C.
A.B., Lenoir-Rhyne College, 1936.	
Mallory, Rupert Talmage	Spring Hill, W. Va.
A.B., Morris-Harvey College, 1936.	
Martin, Robert Vance	Gastonia, N. C.
A.B., Wofford College, 1936.	
Meacham, Benjamin Franklin	Roberdell, N. C.
A.B., Duke, 1936.	
Morris, Roy Albert	Carrboro, N. C.
A.B., Wake Forest College, 1926.	
Neel, Samuel Regester	Keyser, W. Va.
A.B., Emory and Henry College, 1935.	

* The degree of Bachelor of Arts will be conferred in June, 1937.

Nicks, Robert Lee A.B., Duke, 1937.	Cedar Grove, N. C.
Ousley, Carl Lee B.S., Wake Forest College, 1935.	Wendell, N. C.
Overton, James Hardy, Jr. A.B., University of North Carolina, 1934.	Coinjock, N. C.
Owens, William Hector A.B., Centre College, 1931.	Danville, Ky.
Page, Jack Ward A.B., Duke, 1936.	Rowland, N. C.
Pittard, Jesse Leo A.B., High Point College, 1936.	Roanoke Rapids, N. C.
*Queen, Virgil Erwin A.B., Catawba College, 1937.	Morganton, N. C.
Reese, David Whitehead, Jr. A.B., Wofford College, 1936.	Greer, S. C.
Reichard, James Charles A.B., Davidson College, 1936.	Bynum, N. C.
Richey, McMurry Smith A.B., Duke, 1936.	San Benito, Texas
Rooks, John James A.B., Birmingham-Southern College, 1936.	Tampa, Fla.
Ross, Courtney Beaman A.B., Davidson College, 1935.	Elmwood, N. C.
Samuelson, Donald Dorward A.B., Kentucky Wesleyan College, 1936.	Warren, Pa.
Schreyer, George Maurice A.B., Wofford College, 1936.	Fletcher, N. C.
Soper, Elgar Clyde A.B., Duke, 1936.	Olney, Md.
Stroh, Byron Freenan A.B., Asbury College, 1935.	Indianapolis, Ind.
Tate, Robert Spence, Jr. A.B., Southern Methodist, 1936.	San Antonio, Texas
Varner, Lee Scott A.B., Asbury College, 1936.	Roxboro, N. C.
Vick, Thomas Marvin A.B., Southern Methodist, 1936.	Dallas, Texas
Watts, Ewart Goodell A.B., Southern Methodist, 1936.	Little Rock, Ark.
Whetstone, Wood Knight A.B., Birmingham-Southern College, 1936.	Sylacauga, Ala.
Williams, Melvin John A.B., Duke, 1936.	Durham, N. C.
Wood, Hoyt Hampton A.B., High Point College, 1936.	Denton, N. C.

SPECIAL STUDENT

Rainey, Lawyer James A.B., Duke, 1927; B.D., Duke, 1930.	Durham, N. C.
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BULLETIN OF DUKE UNIVERSITY

REPORT OF THE PRESIDENT
AND REPORTS OF OTHER OFFICERS

1935-1936



PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

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OF
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NO. 4-A

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TABLE OF CONTENTS

	PAGE
REPORT OF THE PRESIDENT OF DUKE UNIVERSITY TO THE BOARD OF TRUSTEES.....	7
REPORTS OF UNIVERSITY OFFICERS:	
Trinity College.....	25
The Woman's College.....	73
The Graduate School of Arts and Sciences.....	84
The School of Religion.....	91
The School of Law.....	97
The School of Medicine.....	100
The Duke Forest.....	104
The Summer School.....	117
The University Libraries.....	127
The Duke University Press.....	138
The University Council on Research.....	140
Publications by Faculty Members.....	142
The Department of Public Relations and Alumni Affairs.....	160
INDEX	165

REPORT OF THE PRESIDENT
OF DUKE UNIVERSITY

REPORT OF THE PRESIDENT OF DUKE UNIVERSITY

To the Trustees:

As President of the University, I herewith submit my own report, accompanied by reports of other officers of the University, for the year 1935-36. These reports constitute an annual accounting of our stewardship not only to the Trustees but even as much to the public. For Duke University is a public institution in the sense that it is not set to serve private ends, but the sole purpose of its existence is to promote the public good, to attain all the high aims of an endowed university in the service of the Republic.

As usual I call the annual reports not only to the attention of the Board but to the especial attention of its several committees. The reports will largely speak for themselves, and my comments will be confined to certain phases of development that I think this year call for special emphasis. They are records of a year in general quite satisfactory. Indeed, as I look back over the year under review, I have a distinct feeling that after ten years of building and organization the University has hit its stride, and every division of it is running smoothly and successfully. The only need now is increasing resources in order to go on doing more and better in the undertakings that are already fully launched. And this is the purpose of the Centennial Fund already in process of organization as a part of the celebration of one hundred years of Trinity College to be held in the academic year 1938-39, to which I have called attention more than once and somewhat at length in my report one year ago and about which I will have something again to say further on in this report.

On the other hand, death last year took a heavy toll of our community. We lost four of our oldest and truest friends. Mrs. B. N. Duke, widow of the late Benjamin N. Duke and ninety years of age, died September 2, 1936. While never holding any official position she identified herself with the interests of Trinity College and Duke University through half a century. Like her husband, his brother and father, and her own son, she did not forget to make her contribution to the causes of the University. She has joined them in the great founding tradition.

Clinton White Toms, for many years a Trustee and member of the Executive Committee and closely associated with Mrs. Duke and the Duke family for forty years, died August 29, 1936. Mr. Toms had training and experience in educational administration and he had also achieved a large place in the world of business. He spoke and

understood the language of education and the language of business, and as a link between the two he exerted a decisive influence through the years that prepared the way for the founding of the University and in the groundwork of its organization.

John Council Wooten died October 9, 1936. Mr. Wooten was made Trustee of Trinity College in 1914 and became a member of the Executive Committee in 1916 and served in both capacities until his death. He was a member of the Board that set up the University on the foundation of the Duke Indenture that was signed by James B. Duke, December 11, 1924, and that created the University. No words can express fully the value of his services through the eventful years in the transition from the Trinity College that he had known and loved into the expanded University organization that we know today.

The Faculty lost one of its oldest and most esteemed men in the death of William Ivey Cranford, August 29, 1936. Dr. Cranford entered the Faculty in 1891, and as Professor of Philosophy exercised great influence on the undergraduates, the graduates, and others through a long period of faithful and distinguished teaching.

In connection with these four who had served with so much devotion and distinction, it would seem appropriate to put into the record here the death of Samuel Robert Hunt, January 4, 1937. Mr. Hunt had served since 1896 as Superintendent of Buildings and Grounds for Trinity College, and on that campus enlarged and occupied by the Woman's College of Duke University since 1924. No institution ever had a more faithful or more competent officer.

Julia Dale, Assistant Professor of Mathematics since 1930, died January 13, 1936. Dr. Dale was a much loved and influential teacher, and no nobler spirit ever lived among us.

Andrew Runni Anderson, Professor of Latin since 1929, died July 8, 1936. Professor Anderson was a versatile and distinguished scholar and teacher, with high ideals and character.

In my last report and on other occasions, I have discussed the Centennial Celebration of the Origins of Trinity College, to be held at the University in the year 1938-39. I am able to report satisfactory progress in the preliminary arrangements for that occasion. I have emphasized four special needs that have emerged in the development of the University as it has proceeded along the lines laid down from the beginning. In the first place, I have spoken about the need for an additional dormitory group. It will be found in these reports that the Dean of the College, the Dean of the Graduate School, the Dean of the Law School, and the Dean of the Medical School, have all emphasized the urgent need for additional dormitory accommoda-

tions. In the second place, I have more than once spoken about the need for completing the University Library Building, so as largely to increase its stack capacity and also provide offices, studies, and seminar rooms that would release much needed classrooms in other buildings. This is stressed in these reports by the Director of Libraries and others. Another need is for research funds, and this need is emphasized several times in the reports I am hereby transmitting, as also the need for additional endowed scholarships and fellowships.

The scholarships and fellowships are most sorely needed in the two Colleges, in the School of Religion, in the Graduate School, and in the Law School. The Colleges, both Trinity and the Woman's College, show sound development. They have each already won a national constituency, and a good one. They do need scholarships, especially to be available in North Carolina and neighboring states for intellectually able students whose parents are not financially able to pay the full expenses of a college education here. It is in every way desirable that the Colleges, like the University as a whole, be national; but it is not desirable, while developing a national constituency, to lose ground in the state and region in which the University is located. In a national university it is not possible to charge a lower tuition for state students than for others. The only way I have been able to think of for improving this condition is to make ample provision for scholarships, some for part tuition, some for full tuition, and some for more.

In two previous reports I have mentioned the setup and continuing development of a College Faculty that has as its sole business the making of college teaching as effective as possible. Dean Greene's report sets forth certain activities of that Faculty for the year. That Faculty deals primarily with Freshmen and Sophomores, and with Juniors and Seniors who desire to continue their general education but who have not reached a decision concerning, or entered upon a pursuit of, more highly specialized studies. The Graduate Faculty has in part to do with competent Seniors who know the way they would go and, in rare cases, with able and ambitious Juniors, as well as with graduate students. There is at Duke no division of undergraduates into junior and senior colleges. The individual members of these two Faculties in their teaching of students cross lines often, but the Faculties as such devote themselves to the two special functions, one calling for effective and inspiring teaching and the other for research and intellectual leadership, both the leadership of precept and example. The educational officers of the University are giving a great deal of attention to the College Faculty and to the bringing in

or building up of excellent teachers, at the same time not overlooking the importance of having here productive scholars. It is mainly a matter of emphasis. One man theoretically ought to do both things, but practically most men are not able to do both well.

After long deliberation and full conference with the Chairmen of leading departments in the University, we have all agreed upon a new plan of departmental organization. Each of the large departments will have a Chairman, a Director of Graduate Studies, a Director of Undergraduate Studies, and a Supervisor of Freshman Instruction. These will constitute a Departmental Administrative Committee, the Chairman of the Committee being the Chairman of the Department, and in some cases the Chairman may also be Director of Graduate or Director of Undergraduate Studies. The whole problem of the function of "Heads" of Departments has everywhere been a troublesome one and one rather hard of solution. We have had our share of departments organized in a thoroughly satisfactory way, and we hope that this plan will increase the number of departments satisfactorily organized.

As the Dean points out in his report, the year 1935-36 marked the completion of the tenth year of the organized existence of the Graduate School. In the ten-year period the enrollment in that School has gone from 86, in 1926-27, to 241, in 1935-36. In 1935-36, including the Summer School, 1,220 individual graduate students were enrolled, eliminating all duplications. Degrees conferred in 1926-27 were: 26 Masters of Arts, 1 Master of Education. In June, 1936, 27 Masters of Education were conferred, 85 Masters of Arts, and 25 Doctors of Philosophy.

The question of attendance is not a problem in this School. In fact, the number is as large as is desirable. More encouraging than any numbers is the evidence of the quality of the School that the Dean's report suggests. That is the phase of graduate school development that we are all most concerned about. The next *Graduate School Bulletin*, when it appears, will show that much is now being done to develop graduate studies, particularly in departments where development has been delayed. For example, in Philosophy two men have been added to the Department, and there also have been listed in the Department many courses given by men who primarily belong to other departments. Economics, as now set up, takes its place among the distinguished departments in the Graduate School. To the Department of Political Science one man was added in 1935-36 and two others will be added in 1937-38. To the Department of Physics the addition of one distinguished scientist was made in 1935-36; another will be made in 1937-38. Additions have been made to the

Departments of Latin and Greek, and one other will be made in 1937-38. These departments are operated in definite co-operation with the classical departments in the University of North Carolina.

These five additional departments thus become better equipped to offer the degree of Doctor of Philosophy. The Graduate School already had eight departments recognized as well equipped for that work. Not only these five departments, but the eight other departments are being strengthened from year to year. The University will at this time seek to develop only a limited number of departments at the Ph.D. level, but it does hope to build up as many very strong departments as its available resources will permit. The University's success (and the same might be said of every university) will require concentration of advanced study in a limited number of fields of learning that can be properly developed. In that direction, certainly, lies the possibility of building in our time a really great endowed university here in the South; and through that achievement alone can this University "insure its attaining and maintaining," as Mr. Duke requested for it, "a place of real leadership in the educational world."

The Graduate School, as Dean Glasson also points out, has two functions, the training of teachers and the training of scholars who will usually also be teachers but whose primary function may be thought of as productive scholarship. The Graduate Faculty should offer courses open to very able and ambitious Seniors, in rare cases to Juniors, and to those who are candidates for the degree of Master of Arts. In these courses stimulating teaching is a chief function. Beyond the A.M. level, success in the Graduate School is to be measured less in terms of teaching and more in terms of scholarly eminence, achievement in research, and in contributions to knowledge. Those members of the Staff who meet these tests should be given, and are given here, much freedom and encouragement to produce. Scholars and investigators are being added to the Graduate Faculty with a view to building up active and productive groups whose fields are primarily in advanced studies. On their success the reputation of the Graduate School will rest, and the standing of the University in the educational world. Many other things are important for an American university, but its standing in the educational world is largely determined by the Graduate School and the type of scholar who teaches and the type of student who studies there.

The continued growth of the Summer School with its large enrollment of graduate students, the growth of the Department of Education, and the relation of these developments to the Graduate School, raise interesting questions. The trend toward specialization

in the Graduate School and the demand for broader training of teachers combine to create an acute problem in present-day higher education. On the one hand, the Master of Arts degree has rapidly followed the Doctor of Philosophy degree in becoming more and more strictly a research degree within an ever narrowing field. On the other hand, the desire of teachers for training beyond the Bachelor of Arts degree and the pressure of state departments of education and school administrators upon teachers to obtain further training, has sent thousands of elementary and secondary teachers into the graduate schools, and particularly the graduate departments of the better university summer schools. It has now become quite apparent that the traditional Master's degree does not offer what these teachers desire and need to carry back into the schools from which they come. They are not seeking narrow specialization within a section of some departmentalized field of learning. They are seeking, and the state departments of education are sending them to obtain, a broader synthesis of knowledge within related fields combined with an understanding of the pupil they teach and the school in which they work.

For example, the first choice a teacher seeking to broaden his training is forced to make by the graduate school, is between his so-called teaching field and his so-called professional field. If he is a teacher of history, he must choose between taking additional work in history and additional work in education or psychology. If he takes one of the two, he cannot get much, if any, of the other. The one he takes, furthermore, may be determined by the amount of work he had as an undergraduate in one or the other field. That is, if he had thirty hours of education as an undergraduate, and fifteen hours or fewer of history, he probably needs to take additional history for his better training; but the policy of the graduate schools would be to say that he was not prepared to do research work in that field and should take his Master's in education. The same would be true if his undergraduate major had been in history. The pressure would be to make him continue the field in which he is already strong, at the expense of the field in which he is conscious of further need. But the pressure does not stop with thus driving him away from fields of work that he needs to supplement his previous training. It keeps him out of work he desires to supplement what he has had within his major department. It may be that of thirty hours in history a teacher had as an undergraduate, only six semester-hours consisted of an introductory course in modern European history, all his other work being in American history. Having decided that he will forego additional work in education and take his degree in history, he now asks to take a good part of his graduate work in European history,

including ancient and medieval, and is informed that he has only the requirements for a major in American history.

These difficulties are emphasized by the fact that while the influence of the graduate school in stressing specialization has all too often come to dominate the undergraduate colleges, there has been a distinct trend in secondary education to break down narrow departmental lines as they exist in higher education. For example, only the major high schools have teachers of chemistry, physics, or zoology, but nearly all of the high schools have teachers of elementary science, usually including general science and general biology. A high-school science teacher who has been graduated from college with a major in chemistry and one course in physics, and possibly a course in botany or zoology, wishes to strengthen himself in the phases of science necessary to teach general science. If he enrolls for a Master's degree, he is automatically given a major in chemistry, unless he is willing to take a large amount of preliminary work to qualify for a major in some other field, and then he has difficulty in broadening his knowledge in more than one field. Similarly, history has become merely the core of the "social studies" in secondary schools, and includes elementary economics, government, and sociology, besides a survey of general history as a basis for understanding the present. If, however, a teacher of history in high school who has had six hours of a course in modern European history with a full twenty-four semester-hours of work in American history, and perhaps a course in economics, returns to broaden his training by taking work in history other than American history, or in sociology or political science, he finds all the pressure of degree requirements against taking the program of work that strengthens him where he is most weak.

It would therefore seem wise to maintain two types of Master's degree: one primarily a research degree intended for students who expect to go on to the Doctor of Philosophy; the other perhaps a Master of Education, intended for teachers in secondary schools and framed for the purpose of meeting the actual needs of teachers who come to the University as students. A good arrangement would seem to be a committee in the Graduate School consisting of the Dean of the Graduate School, or some representative appointed by him, the Chairman of the Department of Education, or some representative approved by him, and the Chairman of the Department represented in the student's teaching field (history, foreign language, mathematics, etc.), canvass actual needs of each student who feels that the old Master of Arts degree does not meet his needs, and work out a program of work for the student to take.

Contrary to what I have heard about the experience of other

universities, the Department of Education here stands well with the Graduate School, and it can be depended upon to maintain high standards for the Master's degree even on a modified program of studies. For this reason I favor a change in the requirements for a Master's degree intended for students who are preparing to teach in American public schools. This has not been suggested to me by the Department of Education, but it has the approval of the Chairman of that department and is in accord with an outline which he prepared for me at my request, and which seems to us to represent the best available opinion on the subject today.

The Master of Education degree that we should like to see provided at Duke would, of course, be a professional degree, and be based upon graduation from a standard college, or from a standard teachers' college. It would be administered by the Graduate School for the Graduate Department of Education and in minimum terms of residence and total amount of work required conform to the minimum requirements for the Master of Arts degree. It would not, however, be primarily a graduate degree intended as a stepping-stone toward the Doctor of Philosophy degree. It would make possible a five-year program of training for teachers in the elementary and secondary schools, the program of training for each teacher being unified around his personal needs as a teacher. No person would be admitted to candidacy for the degree except upon a thorough canvass of his four years of undergraduate work by a committee from the Department of Education and the Graduate School that would determine in the light of the student's undergraduate record, both the additional subject-matter work, and the additional professional work desirable to fit him for his chosen field in elementary or secondary teaching. A program of work might include undergraduate work desirable to supplement his previous training, with appropriate discount as to the amount of credit allowed for such courses. Candidates for the degree must have had two years of practical experience in teaching at the time the degree is conferred. Neither the thesis nor the foreign language requirement of the Master of Arts degree would in all cases be judged necessary, but equivalent course work on the graduate level would be required in lieu of thesis, and advanced work in philosophy of education and methods of educational research would be required in lieu of elementary foreign language. Each student would also be required to pass a comprehensive oral and written examination based upon the work in education and the work in his teaching fields included within his five-year program.

Especially in the Graduate School, departmental walls must be easily transcended. The location of our different graduate depart-

ments in close proximity to each other and to the libraries is of great value. The opportunities for co-operation between the Departments of Botany, Chemistry, Medicine, Physics, and Zoology are unusual, if not unique, as many visitors to the campus have pointed out. Much the same holds with respect to the Humanities, the Social Sciences, and the Schools of Law and Religion. These assets may be of great value to the University if rightly used and not allowed to be lost. More and more I am insisting on full departmental co-operation.

A good illustration of departmental co-operation will be found in our Department of Philosophy as its setup will appear in the next published bulletin of the Graduate School. For another illustration the men in Church History on the School of Religion Faculty, as far as graduate school work is concerned, should come to be looked upon as members of the University Department of History and as closely related to it as, for example, the men in charge of instruction in Hispanic-American history. So would graduate instruction in the Rural Church be related to Sociology, Religious Education to the Departments of Education, Psychology, Philosophy, instruction in the languages of the Old and New Testaments to the Departments of Classics and Classical History. Along these and similar lines opportunities for earning the Ph.D. degree will be provided for those who wish additional training in these fields beyond the A.M. or B.D. degree. Provision is also being made for a Ph.D. degree in the field of religion.

The School of Religion is itself a graduate school, no student being received unless he holds a Bachelor's degree from a college of approved standing. It has developed very rapidly and is doing its work well for those who expect to enter upon the active duties of a minister. As Dean Russell says, the calls for trained ministers are now larger than the School can fill, and instead of putting limitations on admissions as has been done since 1933-34, a somewhat larger number might be received, provided always that only promising men are admitted.

Students who expect to enter the service of the Methodist Church are perhaps adequately provided for through a rural church fund set up a number of years ago by the late James B. Duke and later incorporated into the foundation known as The Duke Endowment. Similar funds are greatly needed for young ministers from other denominations.

The next step is the sort of development I have outlined above for the benefit of those who, for one reason or another, wish additional opportunities for study and training. Fellowships will be needed for these advanced students. Mr. Gurney Harriss Kearns

has endowed one such fellowship. Many more could be profitably used.

Likewise, the Department of Education, through co-operation with Psychology, Philosophy, and other departments in the Graduate School, can readily provide adequate instruction at the graduate school level. This is made all the easier because of the high standing and the close co-operative relation that exists between the Department of Education and the Graduate School. It might also sooner or later be easy to provide graduate instruction in engineering through co-operation with such Departments as Mathematics, Physics, and Chemistry. This development would be analogous to what is being done now in education and forestry.

We are on the one hand bringing in, or on the other hand developing, able men for the Graduate School. We allow a teaching schedule that will give to teachers fitted for it full opportunity to carry on research and writing. We are also endeavoring to provide adequate facilities for these scholars, and we are making progress along all these lines. The Director of Libraries sets forth in his report continued growth in the book collections and in the use of books. The Library is more and more being looked upon not just as a storehouse for book collections but as an educational unit, a place where books, students, and teachers are brought together just as in the laboratory. As the Director's report also makes plain, the plan for co-operation with the Library of the University of North Carolina is no longer an experiment; it is a demonstrated success.

The Director of the Press among other things calls attention to the periodicals published by the University. A full list of these includes: *American Literature*, a quarterly journal devoted to research in American literature, published with the co-operation of the American Literature Group of the Modern Language Association of America since 1929; *Character and Personality*, a psychological quarterly devoted to studies of behavior and personality, begun in 1932; *Contributions to Psychological Theory*, a monograph series dealing with problems of psychological theory in the widest sense, including their relations to other fields of inquiry, published since 1934; the *Duke Mathematical Journal*, begun in 1935 and published with the co-operation of the Mathematical Association of America; *Ecological Monographs*, devoted to the publication of original researches of ecological interest from the entire field of biological science, published since 1931; *Educational Monographs*, begun in 1931; the *Hispanic American Historical Review*, a quarterly dealing with the history of Latin-American countries, first published in Baltimore, Maryland, in 1918 and published here since 1926; *Historical Papers of the Trinity*

College Historical Society, begun in 1897; *Law and Contemporary Problems*, a quarterly presenting in each issue a symposium on a problem of current importance having significant legal aspects, published since 1933; and *The South Atlantic Quarterly*, a magazine of modern opinion and discussion begun in 1902.

Arrangements are already under way for the publication of two other quarterlies that will bear the imprint of the Duke University Press. One of these, *The Southern Association Quarterly*, is published for the Southern Association of Colleges and Secondary Schools and is edited by Professor Holland Holton of the Duke Faculty. The other will be *The Journal of Parapsychology*, supported from funds given by an anonymous donor and edited by Professor William McDougall and Associate Professor J. B. Rhine of the Duke Faculty.

The report of the Chairman of the University Council on Research for the year under review shows that the scholars of the University have been busy about research as well as teaching.

The system of sabbatical leave of absence for members of the General Faculty established in 1923, revised in 1928, and as a depression measure of economy put in partial abeyance in 1933-34 and the succeeding three years, has been fully restored and will become effective in the year 1937-38. Every member of the General Faculty (composed of professors, associate professors, and assistant professors) is entitled to sabbatical leave after six years in the service of the University. Such leave may be taken for a full year at half salary or a half year at full salary, all this being carried out through rather simple arrangements that will be set forth in the *University Catalogue for 1936-37*.

The development of the Duke Forest goes on satisfactorily. Sale of products from the Forest may eventually yield, and probably will yield, sufficient amounts to maintain the Forest as an experiment station and as a field laboratory for research by Staff members and students of forestry, and also teachers and students of other units of the University. These investigators will include in particular the members of the Forestry, Botany, and Zoology Staffs, in some cases all co-operating in related studies. Much experimentation is already going on, as the Director's report will indicate, and there has been considerable publication concerning results. The Staff is constantly being added to, and with the aid of two or three other men it will be in order to set up a Graduate School in Forestry, this probably within a period of two or three years. Meanwhile, courses in forestry are being given both for undergraduate and for graduate students.

The success of the plan for co-operation between the libraries at Duke and the University of North Carolina and of the course for Training in Medical Social Service, organized jointly by Duke University and the University of North Carolina, have suggested another step in this institutional co-operation. This step will be taken next year in accordance with an agreement already reached by which the Departments of Latin and Greek of the two universities for teaching purposes will act essentially as a unit. At the present time there is no very large number of students in these departments anywhere in the United States. Full development of these departments therefore becomes expensive when estimated in student cost, but two universities like Duke and the University of North Carolina, with their traditions, cannot afford unduly to neglect teaching of the classics. The plan of co-operation will enable both universities to provide excellent opportunities for advanced studies in Latin and Greek, without increasing too much the expenditures involved. Then, too, these experiments will provide patterns by which in due time other co-operative arrangements might be considered.

A wholesome rivalry is always a good thing; but harsh rivalries and the hostilities even that we sometimes see among educational institutions are always discreditable and do no good to anybody or any cause. Co-operation is undoubtedly an idea whose hour has come, and institutions of education ought to be the first to hail it. No one of our institutions can undertake everything. Universities must differentiate and each do what it is best fitted to do. Then, too, they must join forces, particularly where two or more of them are located near enough to each other to make this possible, all this to avoid duplication and sheer waste of money, and working together to build formative centers of education and culture. I have the faith to believe that some of our colleges and universities will go this way to greatness. And I am glad to believe that here in this particular center we are already on the way.

We must go still further and join with the better colleges and universities of our territory in a great common undertaking to lift higher education (that is the upper college and the graduate and professional school) in the Southern area on to another plateau from which it may go on to ever better and better things. This is the purpose of the Southern University Conference recently organized with Duke as a charter member.

In another generation our Undergraduate College was a charter member of the Southern Association of Colleges and Secondary Schools, which like the North Central and other such associations, undertook the problem of the adjustment of the college and the school

and the development of both. An undertaking equally important for us today is the adjustment of the college and the graduate school and the development of both. The progress here may be slow as it was there. At first with only six members, the Southern Association grew slowly, but through slow processes it contributed to the standardizing of Southern schools and colleges at or near the level of the best American academic practice and traditions. And this has been a distinct contribution to educational progress and to Southern civilization. The undertaking now to adjust the college and the graduate schools and to standardize graduate schools at or near the level of the best American practices is equally important and will be equally valuable to our educational development and our civilization. This will be slow, too, and we must be ready to give it the time that may be necessary. Upon the distribution through the Southern part of the United States of well-established graduate schools will largely depend not only our educational but general progress in the years just ahead of us. The lack of great libraries and great research centers throughout our area has been a handicap to educational progress, to research, and to far-seeing social guidance. Such educational facilities and the groups of investigators and scholars that should go with them would do much toward making that intangible but invaluable background of real research and scholarship in which significant discoveries are made and new ideas born. The program would, of course, include problems peculiar to the region. The development of the South could be hastened by adequate research and this can be provided only through research centers.

We have organized this Conference on a fixed faith in the formative power, the intellectual and cultural influence that inheres in a college or university committed to the proposition that it will not undertake anything it cannot do well. To build these centers of education and culture each in its own place and collectively each for all and all for each, this is the mission of an organization like the Southern University Conference—the guidance and stimulation of the college and culture with real content, of university development, of graduate and professional education, emphasizing everywhere educational sincerity as illustrated, for example, in the protection of the Ph.D., LL.B., and other professional degrees, in extension and correspondence courses and credits, in engineering both undergraduate and graduate, in teacher training and departments and schools of education, and especially in the tone of the institution. I am happy to report that Duke is taking an influential part in all this.

During the period this report is reviewing a large number of our ablest men have been invited to accept posts in leading American

universities. I count it a bright sign of promise that every one of them has declined to go. The circumstance that all these men stand by the University would seem to indicate that there is among us a general understanding of the unexampled opportunity here to build up a great national university in a part of the country that sorely needs an endowed university of the highest type.

And such a university is worth striving for—a great formative university, as far removed as possible from the pressure of immediacies and dedicated to the long view of truth, devoted alike to science and to service, and inspired by the hope that democracy and excellence can be reconciled. Everything great is formative, and hardly anything else is. Democracy must more and more look to strong educational centers for the formative influences that are to save it. Most of the oldest and many of the most distinguished colleges and universities of America are in New England. This is not due solely to the fact that the people there had the money with which to build institutions of education. It is partly due to the attitude of the people toward education. Money is needed to build great universities, but just as necessary is a climate of opinion that will sustain them, an atmosphere in which they can not only live but flourish, a boon air that is large and free and stimulating. There is in the South, certainly in some parts of it, a public opinion that can sustain great and growing universities; and we already have universities becoming strong enough to provide the best type of education, not only for Southern youth but for American youth. Indeed, public opinion here in certain significant respects is more favorable to the causes of higher education than in parts of this country and in other countries where educational development has been greatest during the past seventy-five years.

There is a tendency on the part of governments in the world today to interfere with teaching. Even in America, we have in some of the more enlightened states teachers' oaths; and other threats to honest teaching appear from time to time. Lack of popular appreciation of education is furthermore indicated by threats that appear all too often in some states of the Union to tax property that is used for educational and religious purposes. These two bad tendencies have been less in evidence here than in the North and West.

Another threat that particularly affects America is the weakening of the financial foundations of all endowed institutions. The increase in taxes makes the securing of endowments more difficult because givers have less to give. It becomes increasingly difficult to invest endowment funds satisfactorily, and in all cases these investments bring in diminished yields. In addition to all this there is a reduction

in the value of the dollar. But these bad educational tendencies come out of Washington and are national rather than regional in origin and in cure, if indeed there is any cure in sight. It is, however, a fact that the South is again today politically in the ascendancy. The chairmanship of the greater committees is in the hands of Southern members of Congress, as also the presidency of the Senate and the speakership of the House. Will our representatives now rise to their opportunities as did those great leaders in the age of the building of the Republic? Or will they just respond in unbroken solidarity to old or new shibboleths and political leadership that has the proper label?

I particularly hope they will not feel obliged to go with the multitude, to heed the loud voice of the majority rather than the still, small voice of principle, of national honor and integrity. For while majorities must rule in a democratic society, they are not always right, and when they ride hard they lead to reaction and revolt. Has not the time come when we, all over the South, should do our own thinking—neither imitative nor reactionary, but straight, candid, firsthand, and thoroughgoing? Thus may we achieve again the real greatness of our section and take our rightful places in the house which our fathers had so much to do with building, and contribute our part, as those who lived here before us contributed their part, to the greatness of our common country.

W. P. FEW, *President.*

REPORTS OF UNIVERSITY OFFICERS

TRINITY COLLEGE

To the President of the University:

The reports for the year 1935-36 by Dean W. K. Greene on matters of the curriculum; of Dean H. J. Herring on the acceptance of Freshmen and transfer students from other colleges, and on undergraduate student life; of Dean A. K. Manchester with reference to our Freshmen comprise the main body of this report. There is no especial need of my enlarging this year on these reports.

I have in previous reports called attention to some of our most evident needs and shall not repeat them in detail. However, it is not out of place to make clear again the fact that we must again for the coming year drastically restrict our acceptance of undergraduate students since our dormitory space is inadequate to house more than we now have. I also repeat the expression of our deep-seated conviction that we should not permit, except in special cases, undergraduate students to live off the campus. I feel strongly that our present dormitories should be used entirely for undergraduate students up to their need. We are so located, however, that graduate and professional students find it not easy to secure satisfactory living accommodations off the campus.

The work of some of our larger departments of instruction is suffering because there is no sufficiently large office to act as a clearing house for departmental business. I have in mind especially the Department of Economics. It would be of great help if this department with its large staff and the other social sciences could have a special academic building in which there were offices for the more important men at least. I am sure the work of all such departments, closely related as they are, would be improved and certainly be conducted in a more efficient manner in such a social science building. There is at present a lack of integration in these departments, and this is due in large measure, I believe, to the fact that teachers on these staffs do not see enough of each other and do not have the opportunity to work together.

We also need badly more space to take care of the work in geology and geography. That assigned now in the Physics Building to geology is not only inadequate but is needed and will be more needed next year for physics alone. Geology here cannot be expanded until we have more room. If the Physics Building is to be enlarged, we might provide space in it for such subjects as geology and geography. And I feel sure that the present building will soon be inadequate for physics alone.

With our rather large and capable staff in the Department of Mathematics, we could without great expense provide instruction in astronomy by adding at once at least one person to offer work distinctly in astronomy. This work would be only for undergraduates and would enrich our present offerings for them.

In general, undergraduate work and life here seem to me distinctly encouraging. Undoubtedly a good standard in both is maintained; it is becoming increasingly difficult for students to "get by" with poor work. I am still of the opinion that the arts college should not yield to the demand to vocationalize or socialize its curriculum. To be sure, the students should on leaving college be prepared to enter life with a reasonable knowledge of what to expect and what is expected of them; but I still believe that they can get such knowledge incidentally while pursuing those subjects that constitute a well-balanced and properly integrated college curriculum of the kind set up here.

WILLIAM H. WANNAMAKER, *Dean*.

UNDERGRADUATE INSTRUCTION

During the year 1935-36 important studies were made by committees of the College Faculty concerning curriculum changes, Honors work, and student scholarship.

THE CURRICULUM

The Curriculum Committee, consisting of representatives from the Divisions of the Humanities, Social Studies, and Natural Sciences was asked to make a study of the three following matters:

1. Orientation or inter-departmental survey courses for Freshmen and Sophomores.
2. An expanded program of electives for Freshmen.
3. The educational value of examinations.

The Committee had, as the basic material for its study, a brief syllabus of each course that is given in the two Colleges, together with a copy of examination questions from all teachers for the spring semester of 1934-35 and the fall semester of 1935-36. In its files also were statements of the plans and objectives of each department as a whole. Serious consideration was given to the experiment that is being made in many colleges today of introducing orientation or inter-departmental survey courses for Freshmen and Sophomores, and the Committee decided it was inexpedient to undertake to develop such courses at this time. The theory underlying these courses has its merit, and we are not closing our eyes to the possibility of developing satisfactorily such courses; however, the practical administration of these courses constitutes for us at the present time one of their chief difficulties.

It was recommended that general or special departmental survey courses without laboratory work be offered in the natural sciences to qualified Juniors and Seniors. Such courses satisfy a definite need in the cultural program of the student not primarily engaged in the study of natural science. Some of the sciences, notably geology, physics, and zoology, lend themselves more readily than others to the offering of such a course.

It was felt that the program of electives for Freshmen and Sophomores should be enriched, and to this end the Committee recommended

that provision be made as soon as feasible for the following courses in the Division of the Humanities :

1. A section of Fine Arts 1-2 for men, preferably on the West Campus but on the East Campus until equipment is provided on the West.
2. A section of Fine Arts 53-54 (Design) for Freshmen (men and women).
3. A general literature course in English for Freshmen whose needs (under the present system) confine them to the composition courses (an elective and not a substitute for the present English requirement).
4. A course in the Greek Myths and their survival in subsequent literature (to be given by the Greek Department).
5. A course in Greek and Roman History.
6. A single one semester-hour credit course in conversation in each of the modern language departments, to be open the second semester to Freshmen whose records in that language during the first semester justify admission.

EXAMINATIONS

Very little experimentation has been done in the colleges throughout the country in the matter of determining the educational value of examinations; yet the examination is, in practically all colleges, the chief measuring rod of student achievement. Herein lies a fruitful field for research.

The Committee felt "that for a proper perspective of the scattered materials of a course and for the effective organization of that material, the preparation and writing of the conventional examination serve a useful purpose.

"The examination should exact from the student, in so far as the subject permits, a demonstration of his ability to use critically the material of the course.

"In multiple-section courses without a standardized examination, the instructors involved should collaborate sufficiently in the construction of the several examinations to see that similar demands are made upon the students of the respective sections. This should be possible without jeopardizing the individual character of the instruction of the course.

"Every department of the University should study examinations within that department with the view of correlating closely the work of each course and the examination given. Where more than one section of the same course is offered, examinations should probably be studied by the department both before administration and after the papers have been graded. This study would probably offer one of the best means the department has for supervising the work of such courses. The problem of the adequacy of examinations is closely related to teaching efficiency and should be one of the most important concerns of the chairman of each department and the special supervisors of multiple-section courses."

The syllabi of the various courses in each department together with the examination questions for the past three semesters have been submitted to the chairmen of the different departments for further study. The various departments are requested to study this material for the light it may throw upon a better integrated program of departmental offerings and upon a more desirable correlation of course material and examinations.

At the present time the Curriculum Committee is engaged in the study of various problems connected with the administration of the curriculum.

COURSES IN GEOLOGY

During the closing days of 1935-36, arrangements were made for courses to be offered the following year in geology and mineralogy. Dr. Willard Berry, an experienced teacher and a distinguished scholar, is in charge of this work. The following courses were approved:

51. *General Geology*.—4 semester-hours.

52. *General Geology*.—4 semester-hours.

101-102. *Mineralogy*.—8 semester-hours.

STUDENT SCHOLARSHIP

In 1935-36 a committee was appointed to study the matter of the promotion of student scholarship and to make recommendations incident to this study. The committee consisted of the following Faculty members: Assoc. Prof. Gohdes (Chairman), Prof. Proctor, Asst. Prof. Addoms, Mr. Bridgers, and Mr. Dressel. The duties of the Committee were:

1. Study of the problem of the student who is failing or merely passing in his work.
2. Consideration of the system of class absences for students of the Freshmen and Sophomore classes.
3. Investigation, in Freshman course units, of sectioning according to ability.
4. Study of the problem of reading periods for Juniors and Seniors.
5. Study of a plan for the stimulation of student reading.

The Committee, as evidenced by its report during the spring semester, was unable to complete its full program of study and was continued for the year 1936-37. In view of the fact that student scholarship involves not only the mental equipment, industry, and motivation of the students but also the teaching and supervision of courses, the Committee in its first report felt disposed to direct its investigation toward only a few significant matters of general Faculty interest and to present a number of important facts bearing upon them. For details I refer you to the full report on the "Promotion of Student Scholarship."

In the light of this report, I wish to make the following recommendations:

1. That to the quantitative requirement for a student's remaining in college there be added, likewise, a qualitative requirement.

2. That, since various levels of native capacity and previous training are represented in our student body, we put into operation in certain departments the principle of sectioning Freshmen according to ability. It is the most practical method of directing instruction toward the various levels and of adjusting the pace of instruction accordingly.

3. That substantial encouragement and support be given to those departments that are seeking to solve the educational problem of the highly gifted student through Honors work.

4. That each department be requested to study carefully its percentage of grades given on examinations to the end that we may establish a uniformly high standard of scholarship.

5. That an administrative committee for each department be appointed to consist of an adviser for graduate work, an adviser for undergraduate work, and an adviser for Freshman work.

6. That, for the purpose of co-ordinating the work of the departments, some definite procedures, some uniformity of practice be established in the matter of directing the work of elementary courses with multiple-sections rather than permit each course to be conducted on an individualistic basis.

HONORS WORK

Five years ago we adopted a system of Honors work as a means of meeting the special needs of the undergraduate of superior capacity and of raising the intellectual level of the two Colleges. Thus far the system has met with moderate success. In 1935-36 a committee was appointed to study the question of Honors work. The Committee consisted of Dean Greene (Chairman), Prof. Katherine Gilbert, Assoc. Prof. Gohdes, Asst. Prof. Sugden, Asst. Prof. Nelson, Asst. Prof. Blackburn, Miss Louise Hall, and Mr. McLarty. The Committee recommended and the Faculty adopted, as an experiment, a plan of Divisional Honors in the Division of the Humanities. The plan is as follows:

1. That the Departments of English, Fine Arts, and Philosophy offer Honors work in these three subjects for Juniors, beginning 1936-37.

2. That the work of the student electing this Honors Group consist, in addition to the minimum uniform requirements for graduation and electives of the Freshman and Sophomore years, of four semester Honors Readings in English Literature (two readings in the Junior year, two in the Senior), two semester readings in Fine Arts (one reading in the Junior, one in the Senior year), and, in like manner, two semester readings in Philosophy. The student's program would be staggered thus:

	<i>First Semester</i>	<i>Second Semester</i>
Majors:	English Literature	English Literature
Minors:	Philosophy	Fine Arts

3. That at the end of their Senior year, students electing this group be required to write a comprehensive examination of eight three-hour papers—four papers in English Literature, two in Fine Arts, two in Philosophy, each paper corresponding to the work of one of the semester readings.

4. That preparation for this final examination be done through eight Honors Readings, the work of each reading corresponding to one of the final examination papers, each reading completing its work within a semester.

5. That the student electing this group be required to attend one Honors Reading a week in his major subject and one each week in one of his minors; and that the student be required to present a paper at each of these readings, or at least one in each every other week.

6. That the Honors Reading should meet for a minimum of two hours a week.

7. That the number of students in an Honors Reading be limited to seven (Reason: Thorough discussion of more than three, or possibly four, papers in a two-hour session is impossible.)

8. That the President of the University appoint teachers to conduct these readings.

9. That the instructors thus appointed constitute a Committee on Honors whose functions it will be to pass upon the qualifications of all prospective students applying for admission to this Honors Group and in consultation with the Dean of Undergraduate Instruction, to decide upon all other matters of policy relative to Honors work within this group.

10. That the President appoint a Chairman of this Committee on Honors.

11. That an Honors Reading be counted as three semester-hours teaching-load.

12. That, for the present, all departments other than English, Fine Arts, and Philosophy continue the Honors program as now published in our catalogue; and that the present Honors program in English and Philosophy be continued next year for Seniors.

DISTRIBUTION OF STUDENTS BY DEPARTMENTS

In Table I is given the enrollment of students in the various departments for the year 1935-36.

TABLE I
DISTRIBUTION OF STUDENTS BY DEPARTMENTS
YEAR 1935-36

Department	The Two Colleges			
	Without Duplicates		With Duplicates	
	Fall Semester	Spring Semester	Fall Semester	Spring Semester
Botany.....	314	300	325	314
Chemistry.....	570	463	638	527
Economics and Business Administration..	1,144	1,157	1,928	1,866
Education.....	357	409	442	476
Engineering (Civil and Mechanical).....	153	133	473	351
Engineering (Electrical).....	39	54	60	93
English.....	1,566	1,410	1,898	1,783
Fine Arts.....	145	146	157	168
Forestry.....	20	8	27	12
German.....	685	622	698	632
Greek.....	111	106	120	114
History.....	1,067	1,087	1,282	1,398
Latin.....	51	65	59	72
Mathematics.....	625	526	645	551
Music.....	29	24	30	26
Philosophy.....	164	325	206	346
Physical Education (Men).....	1,006	939	1,006	939
Physical Education (Women).....	703	740	838	796
Physics.....	396	392	440	432
Political Science.....	430	415	461	436
Psychology.....	430	212	452	234
Religion.....	651	684	672	730
Romance Languages.....	1,282	1,168	1,397	1,229
Sociology.....	210	181	303	221
Zoology.....	563	411	606	454

DISTRIBUTION OF STUDENTS BY GROUPS

In Table II (A and B) is given the distribution of students by groups leading to the A.B. and B.S. degrees. For the first time in Trinity College the largest number of students is enrolled in the General Group.

TABLE II

A

DISTRIBUTION BY GROUPS—TRINITY COLLEGE
YEAR 1935-36

General (Bachelor of Arts)	510
Business Administration	429
Pre-Medical	292
Pre-Legal	205
Engineering	162
Religion	39
Honors	30
Teaching	30
General (Bachelor of Science)	20
Special	10
Forestry	7
<i>Total</i>	1,734

TABLE II
B
DISTRIBUTION BY GROUPS—THE WOMAN'S COLLEGE
YEAR 1935-36

General	540
Public School Teaching	102
Business Administration	53
Social Service	46
Pre-Medical	22
Honors	15
Pre-Legal	11
General (Bachelor of Science)	4
College Teaching	3
Religion	2
Academic-Law Combination	1
<i>Total</i>	799

GENERAL HONORS

Students of the Freshman, Sophomore, and Junior classes who earn a credit of thirty semester-hours and an average of at least two and one-half quality-points per semester-hour are given Honors for the year. Students at graduation who have earned an increase of at least two and one-half quality-points per semester-hour are recommended for a degree *magna cum laude*. Students at graduation who have earned an average of at least two and three-fourths quality-points per semester-hour are recommended for a degree *summa cum laude*.

Table III gives the distribution of students winning General Honors in the two Colleges.

TABLE III
FRESHMAN HONORS

Trinity College	10	The Woman's College	11
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SOPHOMORE HONORS

Trinity College	17	The Woman's College	10
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JUNIOR HONORS

Trinity College	14	The Woman's College	9
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SENIOR HONORS

<i>Magna Cum Laude</i>		<i>Summa Cum Laude</i>	
Trinity College	2	Trinity College	3
The Woman's College	2	The Woman's College	2

DEPARTMENTAL HONORS

At the graduating exercises of the 1936 Commencement, Honors in chemistry were awarded to three students; in economics, to two; in English, to four; in German, to one; in Greek, to one; and in political science, to four.

Table IV gives the distribution of students reading for Honors in the various departments.

TABLE IV
HONORS STUDENTS
YEAR 1935-36

<i>Department</i>	<i>Seniors</i>	<i>Juniors</i>	<i>Sophomores</i>	<i>Total</i>
Chemistry.....	2	4	4	10
Economics.....	3	3	..	6
English.....	5	5	6	16
German.....	1	1	..	2
Greek.....	1	1	..	2
History.....	..	5	..	5
Mathematics.....	..	1	2	3
Philosophy.....	..	2	2	4
Political Science.....	4	..	..	4
Psychology.....	..	..	1	1
Religion.....	1	..	..	1
<i>Total</i>	17	22	15	54

THE DEAN'S LIST

In Table V is given a comparative statement of the Dean's List for 1934-35 and 1935-36. The increase in students making the Dean's List for the spring semester of 1936 is due to the fact that the privilege was granted to eligible Sophomores during their second semester.

TABLE V
THE DEAN'S LIST
YEAR 1934-35

Fall, 1934	166
Men	99
Juniors	40
Seniors	59
Women	67
Juniors	33
Seniors	34
Spring, 1935	202
Men	113
Juniors	46
Seniors	67
Women	89
Juniors	31
Seniors	58
<i>Total for Year</i>	368

YEAR 1935-36

Fall, 1935	175
Men	104
Juniors	58
Seniors	46
Women	71
Juniors	40
Seniors	31
Spring, 1936	290
Men	169
Sophomores	60
Juniors	58
Seniors	51
Women	121
Sophomores	41
Juniors	47
Seniors	33
<i>Total for Year</i>	465

INSTRUCTION IN 1935-36

Table VI (A and B) is the list of courses in each department, together with the instructor or instructors in each course, that were given during the year 1935-36. With each course is given also a statement of the number and classification of the students enrolled. The abbreviations used are as follows: Gr., Graduate; Sr., Senior; Jr., Junior; Soph., Sophomore; Fr., Freshman; Adv. Fr., Advanced Freshman; Sp., Special.

TABLE VI
A
SPRING SEMESTER—1935-36
DEPARTMENT OF BOTANY

Course	Instructor	Fr.	Adv. Fr.	Soph.	Jr.	Sr.	Gr.	Sp.	Total
1	Blomquist, Addoms, Kramer, Oosting, Perry, Billings.....	148	35	51	10	1	1	.....	246
51	Addoms.....		1	9	3			.....	13
53	Wolf.....			2	6	20		2	30
101	Perry.....			2	1			.....	3
103	Oosting.....			3		1		.....	4
151	Kramer.....				3		2	.....	5
213	Blomquist.....					1	2	.....	3
221	Wolf.....					2	2	.....	4
225	Kramer.....						4	.....	4
341	Kramer.....						1	.....	1
351	Kramer.....						1	.....	1
355	Blomquist.....						1	.....	1
359	Blomquist, Addoms, Oosting.....						1	.....	1
397	Blomquist, Addoms, Kramer, Oosting, Perry, Wolf.....						9	.....	9
Total	.....	148	36	67	23	25	24	2	325

DEPARTMENT OF CHEMISTRY

1	Gross, Brown, Hauser, Hill, Hobbs, Saylor, Wilson.....	246	10	27	5	1	.....	2	291
61	Hobbs, Saylor, Vosburgh.....	9	22	87	20	1	1	.....	140
151	Gross, Bigelow, Brown, Hauser.....			9	47	18		.....	74
231	Saylor, Vosburgh.....				1	3	11	1	16
241	Wilson.....				4	16	1	.....	21
253	Bigelow, Brown, Hauser.....					1	8	1	10
261	Gross, Saylor.....				4	12	4	.....	20
271	Bigelow, Vosburgh.....					4	10	.....	14
273	Gross.....					3	14	.....	17
275	Gross, Bigelow, Brown, Hauser, Hill, Saylor, Vosburgh.....				2	3	18	.....	23
351	Bigelow.....						4	.....	4
363	Gross.....						8	.....	8
Total	.....	255	32	123	83	62	79	4	638

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

A	Landon, Lemert, Nichol.....	198	2	.....	.....	.....	.....	.....	200
51	Black, Carney, Delaplane, DeVyer, Hoover, Keech, Nichol, Roberts, Spengler, Smith.....		139	343	59	14	.....	2	557
57	Black, DeVyer, Keech, Layton, Shields.....	1	78	165	35	2	.....	.....	281
103	Landon.....		1	6	22	15	.....	.....	44
105	Keech, Layton.....		8	28	48	7	.....	.....	91

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
115	Lemert.....			4	12	6			22
137	Nichol.....			2	3	7		1	13
143	Delaplane, DeVyer, Ratchford, Smith.....		4	46	116	7		1	174
169	Spengler.....			1	10	10			21
171	Shields.....		5	17	44	7			73
173	Black.....				6	14			20
175	Black.....				13	10			23
177	Shields.....			1	8	20			29
181	Towe.....			1	30	75			106
203	Glasson, Hamilton, Ratchford.....			1	43	75	2	1	122
211	Hamilton.....					1	6		7
213	Hoover.....						10		10
215	Hoover.....				2	9	7		18
231	Roberts.....				3	47			50
239	Hamilton.....					4	7		11
253	von Beckerath.....				5	6	3		14
265	Roberts.....				3	8	3		14
318	Hoover.....						10		10
333	von Beckerath.....						6		6
Honors	Ratchford, Roberts.....				7	5			12
<i>Total</i>		199	237	615	469	349	54	5	1,928

DEPARTMENT OF EDUCATION

1	Godard, Pullias.....	101							101
8	Brownell, Godard.....	23	22	60	1				106
58	Easley.....			12	16	5			33
83	Proctor.....		4	19	4				27
101	Carr.....			5	12	11			28
103	Proctor.....		3	5	8	2			18
105	Childs.....			1	9	1			11
115	Childs.....					30	2		32
131	Carr.....				4	4			8
142	Carr.....		1	4	12	3			20
209	Easley.....						6		6
219	Brownell.....						4		4
227	Easley.....					2	5		7
233	Proctor.....					3	3		6
237	Carr.....					4	2		6
254	Proctor.....				1	8	5		14
294	Carr.....					5	5		10
307	Easley.....						3		3
309	Brownell.....						2		2
<i>Total</i>		124	30	106	67	78	37		442

ENGINEERING (CIVIL AND MECHANICAL)

1	Bird.....	56	2	3					61
5	Lewis.....	53	2	3					58
11	Lewis.....		3	5	1				9

ENGINEERING (CIVIL AND MECHANICAL) (Continued)

Course	Instructor	Fr.	Adv. Tr.	Soph.	Jr.	Sr.	Gr.	Sp.	Total
15	Hall.....		6	12	...	1			19
79	Mathews.....		3	8	1				12
81	Reed.....		7	21	2				30
85	Mathews, Reed.....		9	22	1	1			33
107	Bird, Lewis.....		4	12	54	4			74
113	Hall.....		1	8					9
117	Hall.....		1	9	1				11
119	Lewis.....				1	8			9
123	Hall.....				1	8			9
131	Bird.....			1	9	1			11
133	Bird.....				1	8			9
137	Bird.....			1	9	8			18
183	Reed.....		2	2	13				17
187	Reed, Wilbur.....		2	6	18	1			27
189	Mathews.....		2	2	14				18
191	Mathews.....				3	5			8
193	Wilbur.....				2	5			7
195	Wilbur.....				3	5			8
197	Wilbur.....				1	5			6
199	Reed.....			4	5	1			10
Total	.....	109	42	104	156	62	...	...	473

ENGINEERING (ELECTRICAL)

91	Meier.....		1	11	...				12
151	Seeley, Ranson.....			4	4	1			9
153	Meier, Ranson.....			1	9				10
155	Meier.....				3	3			6
159	Seeley.....				3	3			6
257	Meier.....				3	3			6
261	Seeley, Ranson.....				3	3			6
263	Seeley.....				2	3			5
Total	.....		1	16	27	16	...	...	60

DEPARTMENT OF ENGLISH

0	Fitzgerald, Harwell.....	59						1	60
1	Anderson, Blackburn, Burch, Fitzgerald, Harwell, Mitchell, Mounts, Patton, Miss Poteat, Sugden, Mrs. Vance.....	655	6	2	1				664
2	Burch, Fitzgerald.....	1	54	14					69
53	Jordan.....		62	51	13	7			133
55	Blackburn, Mrs. Vance.....		12	80	20				112
57	Patton.....			6					6
59	Anderson, Hubbell.....	8	20	68	14	1			111
63	Gohdes, Patton, Sugden.....	3	14	53	8	1		1	80
101	Mitchell.....			4	9	2			15
103	Blackburn.....		1	11	5	3			20
105	West.....		1	1	3	3			8
107	Sugden.....		1	4	16	6			27

DEPARTMENT OF ENGLISH (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
119	West.....		1	6	9	8	1		25
121	West.....			13	1	1			15
123	Brown.....			3	19	20			42
125	Patton.....			5	11	6			22
129	Mrs. Vance.....			8	11	5			24
137	Gohdes, Hubbell.....		3	21	60	25			109
139	West.....	1		15	11	6			33
143	Greene.....			3	4	8			15
145	Greene.....		1	6	23	14			44
151	Herring, Lewis.....		3	44	56	20			123
201	Brown.....						6		6
203	Baum.....					5	11		16
205	Baum.....						7		7
213	Brown.....				3	8	5		16
215	Gilbert.....					4	4		8
217	Gilbert.....					1	10		11
225	Baum.....				1	5	8		14
227	Gilbert.....					6	5		11
233	Gohdes.....				2	5	13		20
301	Gilbert.....						13		13
307	Hubbell.....						9		9
Honors	Blackburn, Mitchell.....				5	5			10
<i>Total</i>		727	179	418	305	175	92	2	1,898

DEPARTMENT OF FINE ARTS

1	Miss Hall, Miss Gilmore.....	38	3	1					42
51	Miss Hall.....		4	26	14	1			45
53	Miss Mayfield.....		2	12	6	8			28
101	Miss Mayfield.....			1	1	1			3
109	Miss Gilmore.....		1	18	6	14			39
<i>Total</i>		38	10	58	27	24			157

DEPARTMENT OF FORESTRY

51	Maughan.....		4	5	2	1			12
261	Coile.....					2	7		9
357a	Korstian.....						3		3
359	Korstian.....						1		1
Thesis	Korstian.....						2		2
<i>Total</i>			4	5	2	3	13		27

DEPARTMENT OF GERMAN

1	Krummel, Maxwell, Shears, Wilson, Wright.....	144	15	36	3				198
3	Krummel, Maxwell, Wilson, Wright.....	16	34	96	21				167
101	Maxwell.....			1	14	2	5	1	23

DEPARTMENT OF GERMAN (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
103	Shears.....		1	7	19	9			36
107	Maxwell, Wannamaker.....	1	3	22	54	20			100
111	Wilson.....	2		2	5	1			10
115	Krummel.....	1	3	3	10	3			20
117	Vollmer.....	1	1	8	7	6			23
119	Vollmer.....				11	40			51
125	Shears.....		2	8	15	9			34
127	Wright.....	3		4	4				11
201	Krummel.....			1	4	3	2		10
207	Vollmer.....			1	1	2	2		6
213	Vollmer.....				3	3	3		9
<i>Total</i>		168	59	189	171	98	12	1	698

DEPARTMENT OF GREEK

1	Truesdale.....	11		2				2	15
53	Truesdale.....			4	1			1	6
105	Peppler.....				1			1	2
107	Way.....					1			1
121	Peppler.....			4	35	32			71
141	Way.....		1	2	7	3			13
207	Way.....						3		3
243	Way.....						3		3
307	Peppler.....						4		4
Honors	Peppler.....				1	1			2
<i>Total</i>		11	1	12	45	37	10	4	120

DEPARTMENT OF HISTORY

1	Mabry, Manchester, Matthews, McCloy, Mrs. Quynn, Miss Williford.....	305							305
2	Woody.....	19							19
51	Miss Baldwin, Matthews, McCarrell.....		20	65	16	11		1	113
52	Munyan.....		27	45	15	6			93
65	McCloy.....		4	21	4	4			33
91	Callcott, Lanning, Mabry, Woody.....		81	162	56	16			315
101	Mrs. Quynn.....				7	8			15
113	Woody.....		1	7	14	4			26
119	Callcott.....		1	7	16	10			34
123	Laprade.....			11	54	26			91
125	Carroll.....		1	7	13	12			33
127	Callcott.....			14	25	20			59
211	Manchester.....				3	13	1		17
219	Carroll.....					11	12		23
221	Nelson.....				1	7	19		27
223	Mrs. Quynn.....				2	3	2		7
231	Lanning.....				2	14	4		20
303	Boyd.....						21		21
305	Laprade.....						13		13
315	Boyd.....						12		12

DEPARTMENT OF HISTORY (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
317	Carroll.....						4		4
327	Laprade.....						12		12
<i>Total</i> ..	.....	324	135	339	228	165	100	1	1,292

DEPARTMENT OF LATIN

3	Gates.....	3							3
15	Gates.....			1					1
41	Anderson, Gates.....	10	1		2				13
53	Rosborough.....		1	11	2	1			15
57	Gates.....			1	1	1			3
105	Rosborough.....		1	1	1	1			4
131	Anderson.....			2	6	3			11
203	Gates.....						1		1
207	Anderson.....					1	2		3
275	Anderson.....						2		2
351	Rosborough.....						3		3
<i>Total</i> ..	.....	13	3	16	12	7	8		59

DEPARTMENT OF MATHEMATICS

1	Aldridge, Miss Dale.....	33	7	3					43
3	Aldridge, Miss Dale, Dressel, Greenwood, Hickson, Miles, Rankin, Roberts, Vandivere.....	288	8	6	4				306
4	Greenwood.....		6	10					16
7	Elliott, Miss Dale.....	32							32
9	Dressel, Patterson.....	54	2						56
50	Miss Dale, Greenwood.....	3	5	18	6				32
55	Elliott, Dressel, Maria, Patterson.....		10	41	3				54
71	Hickson.....		1	17	2				20
100	Elliott, Rankin.....			5	12	3			20
201	Rankin.....				2	2			4
231	Miles.....			1	17		1		19
239	Elliott.....				3		6		9
255	Thomas.....			1	2		5		8
270	Roberts.....						3		3
280	Hickson.....						4		4
325	Maria.....						4		4
337	Thomas.....						2		2
380	Miles.....						6		6
Honors	Greenwood, Hickson.....			1	2				3
Thesis	Elliott, Dressel, Niles.....						5		5
<i>Total</i> ..	.....	410	39	103	53	5	36		646

DEPARTMENT OF MUSIC

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
63	Broadhead.....	...	3	14	2	2	...	...	21
111	Broadhead.....	4	...	4	1	...	...	...	9
<i>Total</i>	.....	4	3	18	3	2	...	...	30

DEPARTMENT OF PHILOSOPHY

101	Mrs. Gilbert, McLarty.....	...	4	27	46	30	...	...	107
105	Widgery.....	...	4	10	16	16	...	...	46
203	McLarty.....	...	...	...	6	11	...	2	19
207	Widgery.....	...	...	...	...	3	5	...	8
209	Widgery.....	...	...	...	1	2	...	7	10
213	Mrs. Gilbert.....	...	...	...	3	4	1	...	8
227	Mrs. Gilbert.....	...	...	...	1	...	2	...	3
301	Widgery.....	...	...	...	...	...	4	...	4
Honors	Mrs. Gilbert.....	...	...	...	1	...	...	...	1
<i>Total</i>	.....	...	8	37	74	66	12	9	206

DEPARTMENT OF PHYSICAL EDUCATION (MEN)

1A	Waite.....	28	...	...	1	...	...	...	29
1B	Waite.....	29	...	...	...	1	...	...	30
3A	Warren.....	16	...	...	...	...	...	...	16
3B	Warren.....	11	...	...	...	...	...	...	11
5A	Chambers.....	14	...	...	...	...	...	...	14
5B	Chambers.....	5	...	...	...	...	...	...	5
7B	Persons.....	18	...	1	...	...	...	...	19
11A	Gerard.....	12	...	...	...	...	...	...	12
13A	Persons.....	25	...	...	...	...	...	...	25
13B	Persons.....	30	...	...	1	...	...	...	31
17A	Fogleman.....	27	1	...	...	...	...	...	28
17B	Gerard.....	31	...	...	1	...	...	...	32
17C	Fogleman.....	34	...	...	...	...	...	...	34
19A	Card.....	11	...	...	...	...	...	...	11
21A	Waite.....	36	...	...	...	...	...	...	36
21B	Waite.....	18	...	...	...	...	...	...	18
21C	Waite.....	14	...	...	...	...	...	...	14
25A	Warren.....	15	...	2	...	...	...	...	17
35	Fearing.....	20	...	1	...	...	...	...	21
37	Caldwell.....	80	...	...	...	...	...	...	80
41	Ashworth.....	5	...	...	...	...	...	...	5
51A	Card.....	...	3	13	...	1	...	...	17
51B	Card.....	1	1	13	4	1	...	...	20
53A	Warren.....	...	2	3	1	...	...	...	6
53B	Warren.....	1	4	6	1	...	...	...	12
55A	Chambers.....	...	2	2	4	...	...	...	8
55B	Chambers.....	1	...	1	2	1	...	...	5
59	Coombs.....	...	8	13	2	2	...	...	25
61	Crichton.....	3	3	7	14	5	...	...	32
63A	Persons.....	6	4	9	1	...	...	...	20
63B	Persons.....	2	10	24	5	5	...	...	46

DEPARTMENT OF PHYSICAL EDUCATION (MEN) (Continued)

Course	Instructor	Fr.	Adv. Fr.	Soph.	Jr.	Sr.	Gr.	Sp.	Total
63C	Persons.....	5	.....	4	2	3	.....	.....	14
65	Persons.....	6	.....	26	6	2	.....	.....	40
67A	Fogleman.....	8	.....	23	.....	.....	.....	.....	31
67B	Fogleman.....	6	.....	16	3	3	.....	.....	28
67C	Fogleman.....	6	.....	22	14	3	.....	.....	45
67D	Fogleman.....	7	.....	19	6	3	.....	.....	35
69	Waite.....	2	.....	14	2	.....	.....	.....	24
75	Fearing.....	4	.....	9	2	.....	.....	.....	15
77A	Waite.....	4	.....	6	10	2	.....	.....	22
77B	Gerard.....	3	.....	10	5	4	.....	.....	22
87	Hagler.....	15	.....	12	3	.....	.....	.....	30
91	Ashworth.....	2	.....	5	4	2	.....	.....	13
187	Gerard.....	5	.....	3	.....	.....	.....	.....	8
Total	.....	504	112	268	86	36	.....	.....	1,006

DEPARTMENT OF PHYSICAL EDUCATION (WOMEN)

Golf.....	Mrs. Chatneuff.....	7	3	2	10	.....	.....	.....	22
Riding.....	Miss Grout, Mrs. Chatneuff, Misses Circle, Lewis, Wyche.....	26	.....	16	11	1	.....	.....	54
Hockey...	Miss Circle, Miss Wyche.....	28	5	31	21	.....	.....	.....	85
Light Sports	Miss Lewis.....	4	2	1	3	1	.....	.....	11
Soccer.....	Miss Lewis.....	9	2	33	30	2	.....	.....	76
Swimming...	Mrs. Chatneuff, Misses Circle, Lewis Wyche.....	96	5	25	25	4	.....	Nurses 62	217
Tennis...	Miss Grout, Mrs. Chatneuff, Misses Circle, Lewis, Wyche.....	71	9	61	43	7	.....	.....	191
Volley Ball.	Miss Grout, Miss Lewis, Miss Wyche..	24	4	37	41	4	.....	.....	110
41	Miss Wyche.....	33	17	14	1	.....	.....	.....	65
81	Miss Grout.....	.....	.....	.....	1	.....	.....	.....	1
181	Miss Circle.....	.....	.....	.....	2	.....	.....	.....	2
185	Miss Grout.....	.....	1	.....	2	1	.....	.....	4
Total...	.....	298	48	220	190	20	.....	62	838

DEPARTMENT OF PHYSICS

1 and 3	Edwards, Carpenter, Constant, Hatley, Nielsen.....	83	37	102	29	.....	2	.....	253
1	Hatley.....	12	2	9	2	.....	.....	.....	25
5	Constant, Mouzon.....	.....	12	24	1	.....	.....	.....	37
11	Constant, Nielsen.....	.....	1	3	8	6	1	.....	19
53	Edwards.....	.....	1	6	9	3	1	.....	20
55	Carpenter.....	.....	1	1	4	.....	.....	.....	6
67	Edwards.....	.....	1	4	7	3	.....	.....	15
101	Carpenter.....	.....	.....	1	4	2	.....	.....	7
203	Mouzon.....	.....	.....	.....	2	1	5	.....	8
205	Hatley.....	.....	.....	.....	.....	3	4	.....	7
213	Nielsen.....	.....	.....	.....	.....	.....	12	.....	12
215	Constant.....	.....	.....	.....	.....	1	5	.....	6
303	Nielsen.....	.....	.....	.....	.....	.....	3	.....	3

DEPARTMENT OF PHYSICS (Continued)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
305	Constant						7		7
317	Mouzon						5		5
351	Constant						6		6
353	Constant, Nielsen						4		4
<i>Total</i>		95	55	150	66	19	55		440

DEPARTMENT OF POLITICAL SCIENCE

21	Gibson, Simpson	64	22						86
101	Cole, Gibson, Rankin, Simpson, Wilson		6	90	153	27			276
125	Cole			3	6	7			16
209	Rankin				4	10	1		15
223	Wilson					5	9		14
225	Cole				3	11	4		18
227	Wilson				3	7	2		12
229	Rankin				4	8	4		16
Honors	Cole					4			4
Thesis	Wilson						4		4
<i>Total</i>		64	28	93	173	79	24		461

DEPARTMENT OF PSYCHOLOGY

101	McDougall, Lundholm, Rhine		7	104	193	42		1	347
201	McDougall				5	11	10		26
205	Stern						7		7
209	Zener					1	4		5
215	Adams				3	18	5		26
223	Lundholm				4	12	6		22
231	Zener					1			1
303	Zener					1			1
305	McDougall						12		12
309	Adams						1		1
311	Stern						4		4
<i>Total</i>			7	104	205	86	49	1	452

DEPARTMENT OF RELIGION

1	Crum, Myers, Ormond, Mrs. Spence	203	1						204
51	Myers, Spence, Mrs. Spence		33	90	10				133
101	Ormond		1	10	25	5			41
103	Myers		1	11	23	8			43
105	Cannon			4	23	1			28
161	Spence		7	18	11	6			42
163	Mrs. Spence		2	6	8				16
169	Crum			4	26	46			76
203	Russell				1	8		39	48
211	Clark				1			3	4

DEPARTMENT OF RELIGION (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
213	Clark.....				1	2		39	42
217	Clark.....							9	9
233	Garber.....					6	1	34	41
251	Ormond.....					1		10	11
261	Smith.....					2		28	30
263	Spence.....					2		6	8
265	Spence.....			6	13	10		4	33
275	Hickman.....				2	11		36	49
281	Cannon.....				1	7		23	31
301	Russell.....							14	14
311	Branscomb.....						2	37	39
321	Rowe.....						1	28	29
323	Rowe.....							13	13
325	Rowe.....							17	17
333	Garber.....						2	39	41
341	Myers.....							31	31
353	Ormond.....							30	30
363	Smith.....						4	8	12
365	Smith.....						2	10	12
371	Hickman.....						1	15	16
381	Cannon.....							7	7
411	Clark.....						1	4	5
431	Garber.....							5	5
461	Smith.....						1	3	4
481	Cannon.....							2	2
Thesis	Rowe.....							13	13
<i>Total</i>		203	45	149	145	115	15	507	1,179

DEPARTMENT OF ROMANCE LANGUAGES

FRENCH

1	Bridgers, Dow, Walton.....	59	9	18	5		1	1	93
3	Webb, Bridgers, Cowper, Davis, Dow, Jordan, Quynn, Miss Raymond.....	214	30	61	17	3			325
51	Bridgers, Cowper, Davis, Miss Raymond, Walton, Young.....	56	17	105	21	9			208
53	Webb, Dow, Jordan, Quynn.....	7	13	65	29	7			121
55	Mrs. Dow.....		1	13	5	2			21
87	Davis, Miss Raymond.....		1	20	4	2			27
107	Cowper, Miss Raymond.....			7	22	2			31
111	Young.....			19	24	8			51
113	Walton.....			5	13				18
127	Mrs. Dow.....				2	1			3
215	Jordan.....				3	6	2		11
217	Webb.....				2	3			5
219	Cowper.....					3	5		8
327	Walton.....						6		6
333	Jordan.....						3	1	4
<i>Total</i>		336	71	313	147	46	17	2	932

ITALIAN

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
181	Webb.....	...	...	...	3	6	1	...	10
<i>Total</i>	.....	...	...	...	3	6	1	...	10

SPANISH

1	Aviles, Davis, Hasbrouck, Quynn, Young.	134	22	27	7	...	1	1	192
3	Aviles, Hasbrouck, Lundeborg, Quynn...	36	23	59	25	...	...	...	143
65	Hasbrouck, Lundeborg.....	3	11	38	32	14	...	...	98
155	Aviles.....	...	2	8	7	1	...	...	18
263	Lundeborg.....	...	...	...	2	...	2	...	4
<i>Total</i>	.....	173	58	132	73	15	3	1	455

French.....	336	71	313	147	46	17	2	932
Italian.....	...	...	...	3	6	1	...	10
Spanish.....	173	58	132	73	15	3	1	455
<i>Total for Depart.</i>	509	129	445	223	67	21	3	1,397

DEPARTMENT OF SOCIOLOGY

91	Jensen.....	...	...	44	18	10	...	72
101	Ellwood, Bloom.....	...	2	24	78	40	...	146
109	Thompson.....	...	...	1	10	7	...	18
205	Jensen.....	...	...	...	8	13	4	28
215	Thompson.....	...	...	...	2	13	3	18
217	Ellwood.....	...	...	...	2	5	...	7
301	Jensen.....	...	...	...	...	...	5	5
319	Ellwood.....	...	...	...	...	...	5	7
330	Ellwood.....	...	...	...	...	...	2	2
<i>Total</i>	.....	...	2	69	118	88	19	303

DEPARTMENT OF ZOOLOGY

1	Bookhout, Gray, McCutcheon, Miss McManus.....	224	17	29	11	...	2	...	283
53	Gray, Miss McManus.....	...	6	55	40	8	2	...	111
91	Cunningham.....	...	3	16	3	1	...	...	23
107	Hall.....	...	6	19	25	28	...	...	78
151	Hall, McCutcheon.....	...	...	2	18	28	...	...	48
155	Hargitt.....	...	...	...	2	1	2	...	5
219	Cunningham.....	...	...	...	...	1	...	...	1
229	Cunningham.....	...	...	...	2	9	8	...	19

REPORT OF THE PRESIDENT

DEPARTMENT OF ZOOLOGY (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
309	Metcalf.						6	....	6
321	Hall.						6	....	6
351	Hargitt, Bookhout, Cunningham, Gray, Hall, McCutcheon, Miss McManus, Metcalf.						13	....	13
353	Hargitt, Hall.						9	....	9
355	Gray.						4	....	4
<i>Total</i>	.....	224	32	121	101	76	52	....	606

TABLE VI
B
SPRING SEMESTER—1935-36
DEPARTMENT OF BOTANY

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
1	Kramer	8		1	1	1			11
2	Addoms, Billings, Kramer, Oosting, Perry	128	6	61	22	3		1	221
52	Blomquist			2	4				6
53	Wolf		1	7	20	15			43
156	Oosting				2	1			3
216	Blomquist				1	1			2
224	Wolf				2	2	3		7
226	Blomquist, Oosting				1	1	2		4
252	Kramer						2		2
256	Oosting						2		2
304	Addoms					1			1
352	Kramer						1		1
360	Blomquist, Addoms, Oosting						3		3
398	Blomquist, Addoms, Kramer, Oosting, Perry, Wolf						8		8
<i>Total</i>		136	7	71	53	25	21	1	314

DEPARTMENT OF CHEMISTRY

2	Gross, Miss Brown, Hauser, Hill, Hobbs, Saylor, Wilson	199	7	37	13	1		1	258
70	Hobbs, Saylor, Vosburgh	7		70	23	4			104
142	Wilson			3	7	1			11
152	Bigelow, Miss Brown, Hauser			3	27	21			51
232	Bigelow, Hill, Saylor, Vosburgh					4	12	1	17
242	Wilson				1	13	2		16
254	Bigelow, Brown, Hauser						8		8
262	Gross, Saylor				2	7	5		14
274	Gross				1	2	9		12
276	Gross, Bigelow, Brown, Hauser, Hill, Saylor, Vosburgh				1	4	19		24
352	Bigelow						4		4
364	Gross, Hill						8		8
Honors	Hauser			2	3				5
<i>Total</i>		206	7	115	78	57	67	2	532

DEPARTMENT OF ECONOMICS

B	Landon, Lemert, Nichol	239	1	1					241
52	Berry, Carney, Delaplane, Eckard, Hoover, Keech, Nichol, Smith, Spengler		12	389	66	14			481
58	Black, DeVyver, Keech, Layton, Shields		10	188	49	7	1		255
116	Lemert				9	2			11
118	Lemert			5	4	1			10

DEPARTMENT OF ECONOMICS (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
138	Nichol.....			1	4	8		1	14
144	Deleplane, DeVyver, Smith.....			14	137	7		1	159
158	Berry, Keech.....			17	99	17			133
168	Landon.....			9	37	24	1		71
172	Shields.....			5	52	11			68
174	Black.....				1	18			19
176	Black.....				9	11			20
178	Shields.....				1	25			26
182	Layton.....				5	88			93
204	Glasson, Delaplane, Ratchford.....				12	98	3		113
212	Hamilton.....					1	6		7
214	Hoover.....						7		7
216	Hoover.....				4	13	7		24
218	Spengler.....				2	8			10
232	Hamilton.....				2	49			51
236	Ratchford.....				7	12			19
240	Spengler.....				1	2	7		10
256	von Beckerath.....					3	2		5
266	Hamilton.....					1	5		6
318	Hoover.....						8		8
Honors	DeVyer, Ratchford.....				2	3			5
<i>Total</i>		239	23	629	503	423	47	2	1,866

DEPARTMENT OF EDUCATION

1	Pullias.....	20							20
4	Godard.....	25	8	44					77
8	Godard, Pullias.....	60	5	51	1	1		1	119
54	Holton.....			12	16	7			35
58	Easley.....			3	15	3			21
68	Easley.....		2	16	18				36
103	Proctor.....		1	6	18	3			28
106	Childs.....			4	7	5			16
112	Carr.....					5			5
116	Childs.....				4	14			18
118	Brownell.....			1	18	5			24
122	Carr.....					3			3
208	Easley.....						5		5
212	Carr.....					1	1		2
222	Carr.....						2		2
234	Proctor.....				3	13	6		22
247	Brownell.....						4		4
258	Brownell.....						3		3
264	Holton.....				1	7	7		15
300	Proctor.....						9		9
308	Easley.....						2		2
363	Proctor.....						5		5
Research	Brownell.....						1		1
Thesis	Brownell.....						4		4
<i>Total</i>		105	16	137	101	67	49	1	476

DEPARTMENT OF ENGINEERING (CIVIL AND MECHANICAL)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
2-1	Bird.....	47		1					48
6	Lewis.....	40		4	1				45
8	Lewis, Matthews.....		7	26	1				34
80	Wilbur.....			6	2				8
108	Hall, Wilbur.....			3	30	1			34
112	Hall.....				1	7			8
114	Hall.....				8				8
118	Lewis.....	1	3	4	3				11
120	Bird.....				1	9			10
124	Hall.....					9			9
132	Bird.....				8	2			10
134	Bird.....				1	8			9
138	Hall.....				9	8			17
184	Reed.....				16				16
188	Matthews, Reed.....			3	24				27
190	Matthews.....		1		18				19
192	Wilbur.....				1	7			8
194	Wilbur.....					7			7
196	Reed.....				1	6			7
198	Matthews.....					7			7
200	Matthews.....		1	3	5				9
<i>Total</i>		88	12	50	130	71			351

DEPARTMENT OF ENGINEERING (ELECTRICAL)

92	Meier.....		1	13					14
152	Seeley.....			3	7				10
154	Meier, Ranson.....				31	2			33
156	Ranson.....				2	6			8
158	Ranson.....					6			6
258	Meier.....					6			6
262	Seeley, Ranson.....					9			9
264	Seeley.....					5			5
266	Seeley.....					2			2
<i>Total</i>			1	16	40	36			93

DEPARTMENT OF ENGLISH

1	Fitzgerald, Harwell, Mounts.....	90	2		1			1	94
2	Anderson, Blackburn, Burch, Fitzgerald, Harwell, Mitchell, Mounts, Miss Poteat, Sugden, Mrs. Vance.....	371	3	11	4				389
4	Burch, Fitzgerald, Harwell, Mitchell, Patton, Miss Poteat, Sugden, Mrs. Vance.....	228		4					232
53	Jordan.....	6	4	78	12	7			107
54	Jordan.....			14	1	3			18
56	Blackburn, Mrs. Vance.....		4	75	17				96
58	Patton.....			7					7
60	Anderson, Hubbell.....	5	8	88	28	1			130

DEPARTMENT OF ENGLISH (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
64	Gohdes, Patton, Sugden	4	1	45	8			1	59
102	Mitchell			4	10	2		1	17
104	Blackburn			8	7	1			16
106	West			1	3	3			7
108	Sugden			2	17	4			23
120	West			3	16	11			30
122	West			10	3	2			15
124	Brown			1	16	15			32
126	Patton			2	11	6			19
130	Mrs. Vance			4	15	5			24
138	Gohdes, Hubbell			14	34	36			104
140	West	1		13	7	10			31
142	Jordan				3	10	1		14
144	Greene				9	11			20
146	Greene			3	30	21			54
152	Herring, Lewis		2	46	49	19	1		117
202	Brown						6		6
204	Baum					6	6		12
206	Baum						6		6
214	Brown				1	7	6		14
216	Gilbert					3	3		6
218	Gilbert					5	14		19
226	Baum					3	5		8
228	Gilbert				1	6	5		12
234	Gohdes				1	6	16		23
308	Hubbell						11		11
Honors	Blackburn, Mitchell				6	5			11
<i>Total</i>		705	24	433	330	208	80	3	1,783

DEPARTMENT OF FINE ARTS

2	Miss Gilmore	35	2						37
51	Miss Hall			2	2	5			9
52	Miss Gilmore			26	17	3			46
54	Miss Mayfield			12	7	9			28
102	Miss Mayfield			1	1	1			3
106	Miss Hall			2	5	4			11
110	Miss Gilmore			16	9	9			34
<i>Total</i>		35	2	59	41	31			168

DEPARTMENT OF FORESTRY

154	Korstian				1				1
254	Korstian						4		4
258A	Korstian						1		1
258B	Coile						1		1
Bot. 360	Korstian						2		2
Thesis	Coile						3		3
<i>Total</i>					1		11		12

DEPARTMENT OF GERMAN

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
2	Krummel, Maxwell, Shears, Wilson, Wright.....	119	2	49	2				172
4	Krummel, Maxwell, Wilson, Wright.....	16	4	109	18				147
102	Maxwell.....			2	18	2	6		26
104	Shears.....			2	22	9			33
108	Maxwell, Wannamaker.....	1		14	45	18		1	79
112	Wilson.....	2		2	6	3			13
116	Krummel.....	1		5	12	5			23
118	Vollmer.....	1		6	7	6			20
120	Vollmer.....				2	50			52
126	Shears.....			4	22	11			37
128	Wright.....	3		3	2	1			9
202	Krummel.....			1	3	4	1		9
208	Vollmer.....			1	1	2	2		6
214	Vollmer.....				1	2	3		6
<i>Total</i>		143	6	196	161	113	12	1	632

DEPARTMENT OF GREEK

2	Truesdale.....	10		2		1		1	14
54	Truesdale.....			4	1				5
106	Peppler.....				1		1		2
122	Peppler.....				15	57			72
142	Way.....		1		7	4			12
208	Way.....					1	1		2
244	Way.....					1	1		2
308	Peppler.....						3		3
Honors	Peppler.....				1	1			2
<i>Total</i>		10	1	6	25	65	6	1	114

DEPARTMENT OF HISTORY

1	Carroll, Woody.....	72							72
2	Mabry, Manchester, Mathews, McCloy, Mrs. Quynn, Miss Williford.....	328	1	1					330
51	Munyan.....		7	53	13	4			77
52	Miss Baldwin, Mathews, McCarrell.....		3	73	28	9		1	114
66	McCloy.....		1	28	15	5			49
92	Callcott, Lanning, Mabry, Woody.....	1	12	208	79	24			324
102	Mrs. Quynn.....				7	5			12
114	Lanning.....			9	33	25	1		68
120	Callcott.....			4	23	20			47
124	Laprade.....			2	48	34			84
126	Carroll.....			2	14	10			26
130	Manchester.....			4	27	17			48
214	Lanning.....				1	21	4		26
220	Carroll.....					8	14		22
222	Nelson.....				1	7	17		25
224	Mrs. Quynn.....				1	4	4		9
303	Boyd.....						21		21

DEPARTMENT OF HISTORY (*Continued*)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
305	Laprade.....						13		13
315	Boyd.....						14		14
318	Carroll.....						5		5
327	Laprade.....						12		12
<i>Total</i>		401	24	384	290	193	105	1	1,398

DEPARTMENT OF LATIN

4	Gates.....	1		1					2
16	Gates.....			1					1
42	Anderson, Gates.....	12		1	1				14
54	Rosborough, Gates.....			12	1	1			14
58	Rosborough.....			2	1				3
106	Rosborough.....			1	1	2			4
132	Anderson.....			4	12	9	1		26
204	Gates.....								1
208	Anderson.....					1	1		2
276	Anderson.....						2		2
352	Rosborough.....						3		3
<i>Total</i>		13		22	16	13	8		72

DEPARTMENT OF MATHEMATICS

2	Aldridge, Dressel.....	30	1	8					39
3	Aldridge, Greenwood.....	26	3	7	3				39
4	Dressel, Greenwood, Hickson, Miles, Rankin, Roberts, Vandivere.....	217	5	26	10				258
10	Patterson.....	42				1			43
50	Elliott, Rankin.....	30	1	2	2	1			36
55	Greenwood, Hickson.....	3	1	22	3				29
74	Hickson.....		1	8	2				11
100	Elliott, Dressel, Miles.....		1	32	6	1			40
204	Rankin.....				1	2	1		4
231	Elliott.....			3	5				8
236	Thomas.....			1			4		5
240	Elliott.....				1	1	4		6
256	Thomas.....				3		4		7
270	Roberts.....						2		2
281	Miles.....				3				3
284	Maria.....				1	1	2		4
326	Maria.....						3		3
338	Thomas.....						1		1
381	Miles.....						7		7
Honors	Greenwood, Hickson.....			1	2				3
Thesis	Elliott, Miles.....						3		3
<i>Total</i>		348	13	110	42	7	31		551

DEPARTMENT OF MUSIC

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
64	Broadhead . . . . .	...	1	10	5	2	...	...	18
112	Broadhead	4	...	4	...	...	...	...	8
<i>Total</i>	.....	4	1	14	5	2	...	...	26

DEPARTMENT OF PHILOSOPHY

98	Mrs. Gilbert	6	2	26	15	...	...	1	50
104	McLarty . . . . .	...	1	62	40	33	1	...	137
106	Widgery . . . . .	...	...	6	22	20	...	...	48
122	Mrs. Gilbert . . . . .	...	...	12	29	5	...	...	46
204	McLarty . . . . .	...	...	...	11	13	...	...	24
210	Widgery . . . . .	...	...	...	...	1	9	...	10
214	Mrs. Gilbert . . . . .	...	...	...	3	6	4	...	13
226	Widgery . . . . .	...	...	...	4	1	3	...	8
302	Widgery . . . . .	...	...	...	...	...	6	...	6
Honors	Widgery, Mrs. Gilbert . . . . .	...	...	2	2	...	...	...	4
<i>Total</i>	.....	6	3	108	126	79	23	1	346

DEPARTMENT OF PHYSICAL EDUCATION—MEN

2A	Caldwell	16	...	9	2	...	...	...	27
2B	Caldwell	9	1	5	2	1	...	...	18
4A	Warren	7	...	1	3	...	...	...	11
4B	Warren	3	1	3	1	1	...	...	9
4C	Warren	6	...	6	1	...	...	...	13
6A	Chambers	7	...	...	...	...	...	...	7
6B	Chambers	7	...	...	1	...	...	...	8
6C	Chambers	8	...	...	...	...	...	...	8
8A	Waite	19	...	7	3	3	...	...	32
8B	Gerard	13	...	8	3	7	...	...	31
8C	Gerard	6	...	4	2	2	...	...	14
8D	Waite	15	4	11	2	2	...	...	34
12A	Gerard	3	...	3	1	1	...	...	8
14A	Persons	27	1	5	1	...	...	...	34
14B	Persons	3	...	4	2	1	...	...	10
14C	Persons	1	...	...	1	2	...	...	4
14D	Persons	14	1	7	4	...	...	...	26
16B	Gerard	7	...	7	1	...	...	...	15
18A	Gerard	5	...	1	1	2	...	...	9
18B	Fogleman	28	...	1	...	...	...	...	29
18C	Fogleman	24	...	11	4	3	...	...	42
18D	Fogleman	11	...	3	...	1	...	...	15
18E	Fogleman	14	...	14	2	2	...	...	32
18F	Fogleman	6	...	19	7	1	...	...	33
20A	Card	15	...	...	...	...	...	...	15
20B	Card	4	...	5	3	1	...	...	13
20C	Card	3	...	6	1	2	...	...	12
22B	Waite	3	...	2	...	1	...	...	6
22C	Waite	8	...	7	...	...	...	...	15
22D	Waite	14	1	3	2	...	...	...	20

DEPARTMENT OF PHYSICAL EDUCATION—MEN (Continued)

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
26A	Neeley	10		3	1				14
28A	Card	3							3
32	Caldwell	19							19
34	Warren	5							5
36	Fearing	21		4		1			26
38	Hagler	29							29
42	Persons	21							21
44	Fogleman	21							21
46	Waite	21			1				22
48	Neeley	8		2					10
56A	Chambers		1			1			2
56B	Chambers		1	1	2				4
56C	Chambers			1	1	1			3
62A	Crichton	1	1	11	6	5			24
62C	Hagler		2	17	4	1			24
62D	Hagler	2		23					25
76	Fearing	1		8	1				10
80	Coombs		2	15	4	4			25
82	Cameron			3	3	3			9
84	Warren			6	1				7
88	Hagler		2	21	6				29
90	Hagler			3					3
92	Fogleman			6	4	1			11
94	Persons		1	11	3	3			18
96	Chambers			11	5	2			18
98	Neeley		1	2	3	1			7
<i>Total</i>		468	18	301	94	58			939

DEPARTMENT OF PHYSICAL EDUCATION—WOMEN

Basketball	Miss Circle, Miss Lewis, Miss Wyche	16		27	15	4			62
Clogging	Miss Grout, Miss Circle, Miss Lewis	51		66	39	7			163
Dancing	Mrs. Chatneuff	11		11	16	1			39
Danish									
Gymnastics	Miss Circle	27		24	18	1			70
Folk Dancing	Miss Grout	14		10	21				45
Gymnastics	Mrs. Chatneuff, Miss Circle, Miss Wyche	70	2	39	34	8			153
Riding	Miss Circle	5		2					7
Stunts and Apparatus	Mrs. Chatneuff, Miss Circle	4		10	11	2			27
Swimming	Mrs. Chatneuff, Miss Circle, Miss Lewis, Miss Wyche	21	2	32	25	1		Nurses 69	150
Tap Dancing	Miss Lewis	11		9	12				32
41	Miss Wyche	20	3	5					28
102	Miss Grout			6	11	3			20
<i>Total</i>		250	7	241	202	27		69	796

DEPARTMENT OF PHYSICS

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
2	Hatley, Carpenter, Edwards	78	4	78	15	3	1		179
4	Carpenter, Edwards		4	49	20				73
6	Mouzon	1	1	30	1				33
12	Constant			1	12	11			24
54	Edwards			5	11	2			18
56	Carpenter			4	9	4			17
64	Carpenter				3	1			4
68	Edwards			3	5	5			13
102	Nielsen			3	8	2	1		14
204	Mouzon					3	5		8
206	Hatley					2	2		4
214	Constant				1		7		8
216	Mouzon						3		3
304	Nielsen				1		6		7
306	Constant						8		8
314	Sponer						9		9
352	Mouzon						3		3
354	Hatley, Constant, Mouzon, Nielsen						7		7
<i>Total</i>		79	9	173	86	33	52		432

DEPARTMENT OF POLITICAL SCIENCE

22	Gibson, Simpson	88	6	6					100
102	Wilson, Cole, Gibson, Rankin, Simpson			48	184	33			265
164	Cole				4	1			5
224	Wilson					4	9		13
226	Cole				3	11	5		19
228	Wilson				1	8	2		11
294	Rankin				3	13	2		18
394	Rankin						1		1
Honors	Cole					4			4
<i>Total</i>		88	6	54	195	74	19		436

DEPARTMENT OF PSYCHOLOGY

101	Richenberg			25	19	4			48
102	Zener			8	17	4			29
104	Adams			3	14	2			19
114	Rhine			5	51	19			75
202	Lundholm				5	15	4		24
206	Stern						4		4
212 or 311	Stern				1	3	2		6
223	Zener				1				1
224	Adams				1	1	1		3
226	Zener				1	1	10		12
302	Lundholm						7		7
304	Zener						1		1
310	Rhine						3		3
<i>Total</i>				41	110	49	32		232

DEPARTMENT OF RELIGION

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
2	Crum, Myers, Ormond, Mrs. Spence.....	247							247
52	Myers, Spence, Mrs. Spence.....		6	111	17	2			136
102	Ormond.....			1	42	11			54
170	Crum.....			1	1	72			74
202	Rede.....							3	3
204	Russell.....				1	6		38	45
212	Clark.....				1			3	4
214	Clark.....					1		40	41
215	Myers.....			6	31	13			50
218	Clark.....							10	10
234	Garber.....					3	2	36	41
252	Ormond.....					2		16	18
263	Spence.....					3		5	8
268	Spence.....			5	16	23		1	45
270	Spence.....			1	29	26			56
276	Hickman.....					8	3	16	27
282	Cannon.....				2	18		18	38
284	Cannon.....							26	26
302	Russell.....							17	17
312	Branscomb.....						1	24	25
322	Rowe.....						2	25	27
324	Rowe.....							10	10
326	Rowe.....							6	6
342	Myers.....							14	14
348	Barnes.....							8	8
354	Ormond.....							28	28
362	Smith.....					1	2	13	16
364	Smith.....						4	6	10
366	Smith.....						3	8	11
372	Hickman.....						3	19	22
382	Cannon.....							4	4
412	Clark.....						1	4	5
432	Garber.....							6	6
462	Smith.....						2	3	5
482	Cannon.....							2	2
Thesis	Rowe.....							11	11
<i>Total</i>		247	6	125	140	189	23	420	1,150

DEPARTMENT OF ROMANCE LANGUAGES

FRENCH

2	Bridgers, Dow, Walton.....	52	1	22	6		1	1	83
4	Webb, Bridgers, Cowper, Davis, Dow, Jordan, Quynn, Miss Raymond.....	202	4	65	15	5			291
52	Bridgers, Cowper, Davis, Miss Raymond, Walton, Young.....	52	3	98	18	8			179
54	Webb, Dow, Jordan, Quynn.....	5	1	64	31	19			120
56	Mrs. Dow.....	1		11	7				19
88	Davis, Miss Raymond.....			16	6				22
108	Cowper, Miss Raymond.....			3	15	2			20
112	Young.....			14	24	10			48
114	Walton.....			3	10	2			15

DEPARTMENT OF ROMANCE LANGUAGES (FRENCH) (Continued)

Course	Instructor	Fr.	Adv. Fr.	Soph.	Jr.	Sr.	Gr.	Sp.	Total
128	Mrs. Dow .....	...	...	2	2	4	1	...	9
216	Jordan .....	...	...	...	3	6	2	...	11
218	Webb .....	...	...	...	3	4	2	...	9
220	Cowper .....	...	...	...	...	1	6	...	7
328	Walton .....	...	...	...	...	...	2	...	2
334	Jordan .....	...	...	...	...	...	3	...	3
Total	.....	312	9	298	140	61	17	1	838

ITALIAN

182	Webb .....	...	...	...	2	4	2	...	8
Total	.....	...	...	...	2	4	2	...	8

SPANISH

2	Aviles, Davis, Hasbrouck, Quynn, Young	105	2	33	8	...	1	1	150
4	Aviles, Hasbrouck, Lundeberg, Quynn ..	29	5	62	27	1	...	1	125
66	Hasbrouck, Lundeberg	5	1	28	29	22	...	...	85
156	Aviles .....	...	...	10	2	4	...	...	16
264	Lundeberg .....	...	...	...	...	5	1	1	7
Total	.....	139	8	133	66	32	2	3	383

French	312	9	298	140	61	17	1	838
Italian .....	...	...	...	2	4	2	...	8
Spanish	139	8	133	66	32	2	3	383
Total	451	17	431	208	97	21	4	1,229

DEPARTMENT OF SOCIOLOGY

92	Jensen .....	...	...	39	18	13	...	...	70
102	Ellwood, Bloom .....	...	...	26	24	14	...	...	64
110	Thompson .....	...	...	1	4	...	...	...	5
112	Jensen .....	...	...	1	11	5	...	...	17
206	Jensen .....	...	...	...	9	18	1	4	32
216	Thompson .....	...	...	...	2	4	...	...	6
218	Ellwood .....	...	...	...	3	17	1	...	21
320	Ellwood .....	...	...	...	...	...	5	...	5
330	Ellwood .....	...	...	...	...	...	...	1	1
Total	.....	...	...	67	71	71	7	5	221

DEPARTMENT OF ZOOLOGY

<i>Course</i>	<i>Instructor</i>	<i>Fr.</i>	<i>Adv. Fr.</i>	<i>Soph.</i>	<i>Jr.</i>	<i>Sr.</i>	<i>Gr.</i>	<i>Sp.</i>	<i>Total</i>
2	Bookhout, Gray, McCutcheon, Miss McManus	187	5	47	13	1			253
54	Gray			16	7	2			25
92	Cunningham			49	37	17			103
156	Hargitt, Bookhout				3	16			19
220	Cunningham					2	1		3
310	Metcalf						6		6
324	Gray						6		6
342	Hargitt						8		8
352	Hargitt, Bookhout, Cunningham, Gray, Hall, McCutcheon, Miss McManus, Metcalf						13		13
354	Hargitt, Hall						10		10
356b	Hall						6		6
Thesis	Hall						2		2
<i>Total</i>	.....	187	5	112	60	38	52		454

W. K. GREENE,

*Dean of Undergraduate Instruction.*ADMISSIONS TO TRINITY COLLEGE
1935-36

From approximately 1,300 applications, 600 new students were enrolled in September, 1935. Of this number, 524 were Freshmen, and 76 were accepted on transfer from other colleges. As will be seen from Table I, members of the Freshman Class represented twenty-eight states and two foreign countries. As in the past, a large majority of the first-year men were accepted by certificate from approved high schools and preparatory schools on the basis of creditable records, 494 being admitted by certificate and 30 by entrance examinations. Those admitted by examinations were graduates of accredited schools. Because their grades were apparently not in keeping with their ability and probable success in college, they were permitted, on the basis of good recommendations, to take entrance examinations. Four hundred and sixty of the Freshmen were graduates of high schools, and sixty-four were preparatory-school graduates.

In my report for the year 1934-35 I called attention to the fact that, on the basis of standardized test scores, the group admitted in September, 1934, was more able and better prepared for college than any group previously enrolled. Standardized examination scores were higher for the class enrolling in 1935 than for the group of the previous year. The fact that their college grades for the first year were on the average lower than those of the group of 1934-35 is a question for further study. Doubtless there are two or three factors contributing to this decline.

We believe that a careful selection of students is absolutely essential and we feel that the selection of students with care, particularly during recent years, is clearly showing results in the achievement of the students.

The following tables concerning new students, especially Freshmen, will be of interest.

TABLE I
GEOGRAPHICAL DISTRIBUTION—FRESHMEN
1935-36

<i>State</i>			
Alabama	3	New Jersey	75
California	1	New York	79
Connecticut	16	North Carolina	131
Cuba	2	Ohio	14
Delaware	5	Oklahoma	1
Florida	14	Pennsylvania	53
Georgia	8	Puerto Rico	2
Illinois	10	South Carolina	6
Indiana	4	Tennessee	7
Kentucky	5	Texas	1
Louisiana	1	Virginia	19
Maine	3	Washington, D. C.	8
Massachusetts	19	West Virginia	9
Maryland	21	Wisconsin	1
Michigan	5	<i>Total</i>	524
New Hampshire	1		

TABLE II
RELIGIOUS DISTRIBUTION OF FRESHMEN
1935-36

Baptist	50	Hebrew	17
Catholic	40	Lutheran	20
Christian	5	Methodist	154
Christian Science	10	None	20
Church of Christ	1	Presbyterian	96
Congregational	27	Protestant	2
Dutch Reformed	3	Reformed	5
Episcopal	66	Unitarian	4
Evangelical	1	Universalist	1
Friends	1	<i>Total</i>	524
Greek Orthodox	1		

For the sake of comparison, I give here the geographical and religious distribution of all students in Trinity College.

TABLE III
GEOGRAPHICAL DISTRIBUTION—UNDERGRADUATE MEN OF TRINITY COLLEGE
1935-36

Alabama	17	District of Columbia	28
Arkansas	4	Florida	33
Bulgaria	1	Georgia	50
California	3	Germany	1
Canada	1	Idaho	1
Canal Zone	2	Illinois	26
Central America	1	Indiana	13
Colorado	2	Iowa	4
Connecticut	44	Japan	2
Cuba	4	Kentucky	24
Delaware	23	Louisiana	2

Maine	8	Oregon	1
Maryland	51	Pennsylvania	219
Massachusetts	45	Puerto Rico	1
Mexico	1	Rhode Island	5
Michigan	15	South America	1
Minnesota	1	South Carolina	35
Mississippi	6	Tennessee	22
Missouri	2	Texas	7
Nebraska	1	Turkey	1
New Hampshire	2	Vermont	3
New Jersey	223	Virginia	64
New York	243	West Virginia	44
North Carolina	407	Wisconsin	1
Ohio	37		
Oklahoma	2	<i>Total</i>	1,734

TABLE IV

RELIGIOUS DISTRIBUTION—UNDERGRADUATE MEN OF TRINITY COLLEGE
1935-36

Advent Christian	3	Lutheran	84
Associated Reformed		Methodist	568
Presbyterian	1	Moravian	3
Baptist	151	None	13
Catholic	110	None Given	54
Christian	21	Presbyterian	294
Christian Scientist	26	Reformed	19
Church of Christ	3	Seventh-Day Adventist	1
Church of God	1	Quaker	8
Community	3	Unionist	3
Congregationalist	75	Unitarian	8
Dutch Reformed	11	United Brethren	4
Episcopal	208	Universalist	3
Evangelical	4		
Greek Orthodox	1	<i>Total</i>	1,734
Hebrew	54		

For the Recorder's Office, which works under the direction of the Dean's Offices, I submit interesting tables showing the enrollment by classes, the average of grades and quality-points for all classes, and a comparison of the averages of fraternity and non-fraternity men in Trinity College.

TABLE V

ENROLLMENT BY CLASSES
1935-36

Seniors	231*
Juniors	352
Sophomores	451
Advanced Freshmen	192
Freshmen	524
Special Students	12
<i>Total</i>	1,762

* Twenty-eight of these completed their work in the preceding summer quarter but received the degree with this class.

TABLE VI
A STUDY OF THE DISTRIBUTION OF GRADES AND QUALITY-POINTS
UNDERGRADUATE MEN OF TRINITY COLLEGE

A		
FRESHMAN CLASS		
FALL SEMESTER—1935-36		
<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	169	6.94
B	565	23.20
C	925	37.99
D	485	19.92
F	228	9.36
Incompletes 10)	63	2.59
Absent ... 29)		
Dropped .. 24)		
	<hr/> 2,435	<hr/> 100.00

QUALITY-POINTS		
A	1,521	Average per student 14.85
B	3,390	(five courses)
C	2,775	Average per course 2.97
		(three hours)
	7,686	Average per hour ..... .99
Less F	684	
	<hr/> 7,002	
Percentage passing grades		88.05
Percentage failing grades		9.36
Percentage Incompletes, Absent from Examination, and Dropped		2.59

B		
ADVANCED FRESHMAN CLASS		
FALL SEMESTER—1935-36		
<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	14	1.71
B	58	7.06
C	335	40.80
D	240	29.23
F	142	17.30
Incompletes 14)	32	3.90
Absent ... 10)		
Dropped .. 8)		
	<hr/> 821	<hr/> 100.00

QUALITY-POINTS

A	126	Average per student	6.60
B	348	(five courses)	
C	1,005	Average per course	1.32
		(three hours)	
	1,479	Average per hour .....	.44
Less F	426		

1,053

Percentage passing grades	78.80
Percentage failing grades	17.30
Percentage Incompletes, Absent from Examination, and Dropped	3.90

C

SOPHOMORE CLASS
FALL SEMESTER—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	185	8.52
B	513	23.63
C	890	40.99
D	387	17.83
F	149	6.86
Incompletes 14 } Absent 15 } Dropped .. 18 }	47	2.17
	2,171	100.00

QUALITY-POINTS

A	1,665	Average per student	16.35
B	3,078	(five courses)	
C	2,670	Average per course	3.27
		(three hours)	
	7,413	Average per hour	1.09
Less F	447		

6,966

Percentage passing grades	90.97
Percentage failing grades	6.86
Percentage Incompletes, Absent from Examination, and Dropped	2.17

D

JUNIOR CLASS
FALL SEMESTER—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	186	10.47
B	586	32.99
C	679	38.23
D	221	12.45
F	61	3.44
Incompletes 17 } Absent 11 } Dropped .. 15 }	43	2.42
	1,776	100.00

QUALITY-POINTS

A	1,674	Average per student	20.25
B	3,516	(five courses)	
C	2,037	Average per course	4.05
		(three hours)	
	<u>7,227</u>	Average per hour	1.35
Less F	183		
	<u>7,044</u>		
Percentage passing grades			94.14
Percentage failing grades			3.44
Percentage Incompletes, Absent from Examination, and Dropped			2.42

E

SENIOR CLASS

FALL SEMESTER—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	159	15.06
B	404	38.26
C	388	36.74
D	66	6.25
F	14	1.32
Incompletes 12 }	25	2.37
Absent ... 10 }		
Dropped .. 3 }		
	<u>1,056</u>	<u>100.00</u>

QUALITY-POINTS

A	1,431	Average per student	24.00
B	2,424	(five courses)	
C	1,164	Average per course	4.80
		(three hours)	
	<u>5,019</u>	Average per hour	1.60
Less F	42		
	<u>4,977</u>		
Percentage passing grades			96.31
Percentage failing grades			1.32
Percentage Incompletes, Absent from Examination, and Dropped			2.37

F

A STUDY OF THE DISTRIBUTION OF GRADES AND QUALITY-POINTS

UNDERGRADUATE MEN OF TRINITY COLLEGE

FALL SEMESTER—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	713	8.63
B	2,126	25.74
C	3,217	38.95
D	1,399	16.94
F	594	7.19
Incompletes 67 }	210	2.55
Absent ... 75 }		
Dropped .. 68 }		
	<u>8,259</u>	<u>100.00</u>

QUALITY-POINTS			
A	6,417	Average per student	16.80
B	12,756	(five courses)	
C	9,651	Average per course	3.36
		(three hours)	
	28,824	Average per hour	1.12
Less F	1,782		
	27,042		
Percentage passing grades		90.26	
Percentage failing grades		7.19	
Percentage Incompletes, Absent from Examination, and Dropped		2.55	

TABLE VII

A STUDY OF THE DISTRIBUTION OF GRADES AND QUALITY-POINTS
UNDERGRADUATE MEN OF TRINITY COLLEGE

A FRESHMAN CLASS SPRING SEMESTER—1935-36		
<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	164	7.04
B	537	23.05
C	990	42.49
D	366	15.70
F	229	9.83
Incompletes 8)		
Absent 11)	44	1.89
Dropped .. 25)		
	2,330	100.00

QUALITY-POINTS			
A	1,476	Average per student	15.15
B	3,222	(five courses)	
C	2,970	Average per course	3.03
		(three hours)	
	7,668	Average per hour	1.01
Less F	687		
	6,981		
Percentage passing grades		88.28	
Percentage failing grades		9.83	
Percentage Incompletes, Absent from Examination, and Dropped		1.89	

B
ADVANCED FRESHMEN
SPRING SEMESTER—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	2	.45
B	21	4.72
C	154	34.61
D	150	33.71
F	110	24.72
Incompletes 1)		
Absent ... 2)	8	1.79
Dropped .. 5)		
	<hr/> 445	<hr/> 100.00

QUALITY-POINTS

A	18	Average per student	3.15
B	126	(five courses)	
C	462	Average per course .....	.63
	<hr/> 606	(three hours)	
Less F	330	Average per hour .....	.21
	<hr/> 276		
	Percentage passing grades	73.49	
	Percentage failing grades	24.72	
	Percentage Incompletes, Absent from Examination, and Dropped	1.79	

C
SOPHOMORE CLASS
SPRING SEMESTER—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	193	10.11
B	519	27.17
C	810	42.41
D	271	14.19
F	90	4.71
Incompletes 9)		
Absent ... 14)	27	1.41
Dropped .. 4)		
	<hr/> 1,910	<hr/> 100.00

QUALITY-POINTS

A	1,737	Average per student	18.60
B	3,114	(five courses)	
C	2,430	Average per course	3.72
	<hr/> 7,281	(three hours)	
Less F	270	Average per hour	1.24
	<hr/> 7,011		
	Percentage passing grades	93.88	
	Percentage failing grades	4.71	
	Percentage Incompletes, Absent from Examination, and Dropped	1.41	

D		
JUNIOR CLASS		
SPRING SEMESTER—1935-36		
<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	208	11.50
B	521	28.82
C	731	40.43
D	230	12.72
F	81	4.48
Incompletes 21 }	37	2.05
Absent ... 11 }		
Dropped .. 5 }		
	<hr/> 1,808	<hr/> 100.00

QUALITY-POINTS		
A	1,872	Average per student 19.50
B	3,126	(five courses)
C	2,193	Average per course 3.90
	<hr/> 7,191	(three hours)
Less F	243	Average per hour 1.30
	<hr/> 6,948	
Percentage passing grades		93.47
Percentage failing grades		4.48
Percentage Incompletes, Absent from Examination, and Dropped		2.05

E		
SENIOR CLASS		
SPRING SEMESTER—1935-36		
<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	185	14.06
B	528	40.12
C	457	34.73
D	111	8.43
F	16	1.22
Incompletes 10 }	19	1.44
Absent ... 8 }		
Dropped .. 1 }		
	<hr/> 1,316	<hr/> 100.00

QUALITY-POINTS		
A	1,665	Average per student 23.85
B	3,168	(five courses)
C	1,371	Average per course 4.77
	<hr/> 6,204	(three hours)
Less F	48	Average per hour 1.59
	<hr/> 6,156	
Percentage passing grades		97.34
Percentage failing grades		1.22
Percentage Incompletes, Absent from Examination, and Dropped		1.44

F

DISTRIBUTION OF GRADES AND QUALITY-POINTS
UNDERGRADUATE MEN OF TRINITY COLLEGE
SPRING SEMESTER—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	752	9.63
B	2,126	27.23
C	3,142	40.23
D	1,128	14.44
F	526	6.74
Incompletes 49 }	135	1.73
Absent ... 46 }		
Dropped .. 40 }		
	7,809	100.00

QUALITY-POINTS

A	6,768	Average per student	17.85
B	12,756	(five courses)	
C	9,426	Average per course	3.57
	28,950	(three hours)	
Less F	1,578	Average per hour	1.19
	27,372		
Percentage passing grades		91.53	
Percentage failing grades		6.74	
Percentage Incompletes, Absent from Examination, and Dropped		1.73	

G

DISTRIBUTION OF GRADES AND QUALITY-POINTS
UNDERGRADUATE MEN OF TRINITY COLLEGE
YEAR—1935-36

<i>Grade</i>	<i>Number</i>	<i>Percentage</i>
A	1,465	9.12
B	4,252	26.46
C	6,359	39.57
D	2,527	15.73
F	1,120	6.97
Incompletes 116 }	345	2.15
Absent ... 121 }		
Dropped .. 108 }		
	16,068	100.00

QUALITY-POINTS

A	13,185	Average per student	17.25
B	25,512	(five courses)	
C	19,077	Average per course	3.45
	57,774	(three hours)	
Less F	3,360	Average per hour	1.15
	54,414		
Percentage passing grades		90.88	
Percentage failing grades		6.97	
Percentage Incompletes, Absent from Examination, and Dropped		2.15	

TABLE VIII
FRATERNITY AVERAGES
YEAR—1935-36

FALL SEMESTER

Fraternity Average	1.192
Non-Fraternity Average .....	.998
All Men's Average	1.055

SPRING SEMESTER

Fraternity Average	1.208
Non-Fraternity Average	1.046
All Men's Average	1.113

SUMMARY FOR THE YEAR

Fraternity Average	1.201
Non-Fraternity Average	1.018
All Men's Average	1.084

STUDENT HEALTH

The following report from Dr. J. A. Speed gives a brief summary of the amount of service rendered to the students through the Student Health Service. The care those who need medical attention are promptly and efficiently receiving is a source of genuine satisfaction to this office. We are especially fortunate in having excellent facilities and expert professional care available to the student body at moderate cost.

TABLE I
MEN'S STUDENT HEALTH DEPARTMENT
COMPLETE REPORT OF AMBULATORY AND BED CASES AND SPECIAL
CONSULTATIONS IN DUKE UNIVERSITY HOSPITAL
YEAR 1935-36

<i>Month</i>	<i>Ambulatory Cases</i>	<i>Bed Cases</i>	<i>Consultations</i>
September	1,730	118	171
October	1,870	88	193
November and December	2,499	107	220
January	2,510	64	187
February	2,590	113	224
March	2,428	84	121
April	2,058	82	287
May	1,311	59	104
<i>Total</i>	16,996	715	1,507

TABLE II
THE WOMAN'S COLLEGE
COMPLETE REPORT OF AMBULATORY AND BED CASES AND SPECIAL
CONSULTATIONS IN DUKE UNIVERSITY HOSPITAL
YEAR 1935-36

<i>Month</i>	<i>Ambulatory Cases</i>	<i>Bed Cases</i>	<i>Consultations</i>
September.....	1,767	104	46
October.....	1,251	109	60
November and December...	2,009	226	73
January.....	1,557	210	53
February.....	1,589	314	70
March.....	1,091	152	60
April.....	1,523	156	74
May.....	1,832	147	58
<i>Total</i>	12,619	1,418	494

PERSONAL WORK

Those of us who come into intimate and frequent contact with student life become increasingly aware that the scope of personal work is as broad as the student's life and activities in college. Obviously, we strive to encourage the student to direct wisely his own affairs, to develop an intelligent inner authority rather than to depend on outside guidance and control; but we are constantly made aware of the many needs of large numbers of students for sympathetic and efficient counseling and guidance. Problems relating to the student's health, social life, vocational plans, and many others must be met by large numbers of adolescents; and frequently they need encouragement and guidance in meeting them. Failure to solve effectively such problems very often interferes seriously with the student's academic work. To foster an atmosphere for the development of well-balanced living, for the stimulation of intellectual achievement, and for sound character building is our aim. We realize this means personal relationship and individual counseling with the student. We believe we are making progress in our work with students individually and collectively.

The work of the Masters in houses occupied by Freshmen has been of very distinct value in our personnel program. I recommend the appointment of Masters for houses in which advanced students live as soon as possible. Additional Masters would, I believe, be of great assistance in expanding and making more effective the work we are attempting.

EXTRACURRICULAR ACTIVITIES

In my report of last year I called attention to our desire to make our program of social activities interesting and broad enough to serve all desiring to participate. We are continuing our efforts in this direction.

We are fortunate in having ample space and good facilities for intramural sports and outdoor exercise in general. Under competent leadership physical education classes, corrective gymnastic classes, intramural athletics, and our athletic program provide opportunities for all men to get recreation and development.

The Student Council, Young Men's Christian Association, and other groups worked effectively during the year. Organized groups and the student body at large displayed in the main, I believe, an earnest attitude towards their work and a laudable spirit of co-operation in activities contributing to their development. Reports of various organized groups as compiled in the Student Activities Office are indicative of the progress made during the year. The second annual "Dad's Day" sponsored by the Y. M. C. A. merits recognition as one of the successful projects sponsored by this group. The Musical Clubs continued to maintain their record of superior achievement. Mr. J. Foster Barnes is to be commended for his work in choral music. The appointment of Mr. Robert Fearing as Director of the Band and Symphony Orchestra filled a distinct need in the musical program of the University community. The Duke Players under the direction of Mr. A. T. West continued their record of earnest, painstaking work in the field of dramatics.

In this report I have referred briefly to the work of a few of the extracurricular groups. Because of the large number of organizations, affecting directly or indirectly all men in the College and the University community at large, it seems appropriate to make brief reference to their activities. These groups cannot justify their existence unless they prove their educational value and their usefulness in sound citizenship training. It is the earnest desire of this office to work with all organized groups to the end that they may more effectively serve the useful purposes for which they were formed. The Student Activities Office under the leadership of Mr. W. M. Upchurch is rendering a distinctly helpful type of service and is undoubtedly helping to promote the worth-while work of organized groups.

It is hoped that we may add to our Staff before the next academic year a capable man to direct the religious activities and to work in an intimate, personal way with many who may profit by association with the type of man we hope to secure. While our staff is vitally interested in the spiritual welfare of our students and strives to serve them as we are able, we feel the need of a capable man to assist in this vitally important phase of our responsibility.

H. J. HERRING, *Dean of Men.*

THE FRESHMEN

I herewith submit my report on the work of the Freshman Office for the year 1935-36.

During the past year this office has concentrated its efforts very largely on perfecting means by which the objectives outlined in the report for the year 1934-35 might be achieved with a greater measure of success.

The significance of self-discipline and personal responsibility on the part of the individual student in the fields of conduct and scholarship has been stressed in class assemblies, in hundreds of conferences with students, and in correspondence and interviews with parents. It has served as the basis of the policy underlying the activity of the House Masters.

The close relationship between satisfactory classroom work and general conduct has increased the emphasis placed by this office on matters of student behavior. It is rare that a student fails in scholarship who evidences the reliability and determination which enable him to meet his classes regularly, budget his hours for study, and maintain regular habits of sleep, meals, and physical exercise. It has become more and more obvious that the most vital problem arising from the transition from secondary school to college work hinges on the assumption by the student of responsibility for directing his time, interests, and activity. The great majority of Freshmen who enter Trinity College come from an environment where the parent in the case of high-school graduates, the master and tutors in preparatory schools, or the officer and bugle in military academies have exercised supervision of an authoritarian type. In too many cases the boy had revolved around a center of gravity outside himself without the opportunity of developing the will power essential to the shift of that center of gravity to his own shoulders. The development of this fundamental trait in the Freshman underlies the measures advocated by this office.

The remarkable success evidenced by a goodly number of North Carolina students in overcoming the handicap of poor preparation received in the high schools of the state is due in large part to the satisfactory manner in which they have developed the trait of self-discipline. During the fall semester North Carolina students furnished well over double their proportion of students earning Phi Beta Kappa averages. On the other hand, due probably in part to poor preparation and to failure to assume responsibility for the wise use of time and energy, North Carolina students furnished well over double their proportion of exclusions through scholastic failure.

The segregation of Freshmen in houses occupied exclusively by them and the activity of the House Masters in these houses have been very helpful in the successful achievement of the objectives outlined. The Masters constitute an essential link in the execution of measures desired by us and furnish a type of personnel work which is proving of great value along lines indicated in the report for the year 1934-35. Dr. Pullias has continued his helpful work with the lowest 20 per cent of the class.

During the past year Mr. William Burke, one of the House Masters, was assigned the duty of visiting all Freshmen who entered the Infirmary. As an official representative of this office, he wrote the parents immediately upon the admission of the Freshmen to the Hospital and followed up with a second letter when the son was dismissed. In the course of the correspondence, which was always of a personal nature, Mr. Burke was able to be of service in interpreting the University to the parents. From the

more than seventy-five letters written during the year Mr. Burke received sixty-seven replies, which expressed surprise and satisfaction over the personal attention and care received by the son during his illness.

The policy of working in harmony with the Instructional Staff in the matter of scholastic difficulties of Freshmen has been continued. The members of the Freshman Council have been particularly co-operative. Student organizations such as the Y. M. C. A., Beta Omega Sigma, and Student Government have responded to requests for assistance and to suggestions in matters pertaining to the life of Freshmen. The close connection between this office, the Panhellenic Council, and the officers of individual fraternities has been maintained with profit. And considerable attention is still given to the general social life of the campus.

ALAN K. MANCHESTER, *Dean of Freshmen.*

THE WOMAN'S COLLEGE

To the President of the University:

As Dean of the Woman's College, I have the honor to submit the following report for the year 1935-36. Much of the material included is taken from reports made to the Dean by Miss Julia Grout, Director of Physical Education, Miss Mary Grace Wilson, Director of Social Activities, Miss Elizabeth Anderson, Secretary of the Council on Admissions and Assistant Dean of Freshmen, Miss Louise Seabolt, Recorder, and Mrs. Hazen Smith, Assistant Dean of Undergraduate Instruction.

The total enrollment of women students in the University for the year was 961, an increase of 9 over 1934-35. The enrollment for the Woman's College was 811, an increase of 29. The following tables will show the distribution among the Colleges of the University, as well as the class and regional distribution.

TABLE I
REGISTRATION IN DIVISIONS OF THE UNIVERSITY

The Woman's College	811
Graduate School	66
Hospital Division	69
Medical School	4
Law School	9
Religion	2
<i>Total Enrollment</i>	961

TABLE II
CLASS DISTRIBUTION OF UNDERGRADUATES

Seniors	137
Juniors	183
Sophomores	222
Freshmen	250
Specials	18

TABLE III
REGIONAL DISTRIBUTION OF UNDERGRADUATES

Middle Atlantic	256
Middle Western	47
New England	35
Southern	470
Foreign	3

Of the students enrolled in the Woman's College, almost 90 per cent were resident students. Thirty-three states were represented, but 58 per cent came from the South and 28 per cent from North Carolina, as compared to 60 per cent from the South and 30 per cent from North Carolina in 1934-35. Maine, Illinois, and Florida show a significant increase in

number, Florida taking fifth place and Virginia dropping to sixth. The actual number from North Carolina has shown a slight decrease in each of the preceding six years as the following table shows.

ENROLLMENT OF WOMEN STUDENTS FROM NORTH CAROLINA

<i>Year</i>	<i>Total Enrollment</i>	<i>Number from North Carolina</i>	<i>Percentage from North Carolina</i>
1930-31	512	352	.68½
1931-32	594	329	.55
1932-33	646	309	.48
1933-34	715	259	.36
1934-35	782	245	.31½
1935-36	810	231	.28½

This is due to some extent to a decrease in the number of Durham girls, a decrease due in part to the requirement of entrance examinations for Durham girls making poor records in school and in part to the financial stress of the last six years.

As in 1934-35, the number of applications increased, but, with fewer rooms available, only 307 new students were accepted, 21 less than in the preceding year. The same methods of selection were followed as in 1934-35 with such improvements as our study and experience suggested. For the first time the Secretary of the Council on Admissions accompanied the Dean to Washington, Philadelphia, and New York for the purpose of interviewing applicants, and an increasing number came to the campus for interviews.

Of the students accepted in September, 239 were Freshmen, and 68 were transfers from other colleges. The number accepted in February was eight, only one of whom was a Freshman.

A thorough study of admissions in the last few years shows that those admitted late in the summer have been on the whole less desirable in every way than those admitted earlier, and suggestions were made by the Secretary which will, it is hoped, eliminate almost entirely the admission of students after the first of August. Our experience leads us to recommend that a larger application fee be required, not to be refunded after a fairly early date. At present our small fee of \$5.00 permits a student to apply to several colleges and to keep her name on our active list until the last moment, giving us an undue number of withdrawals in late August and early September, a situation requiring us, if we wish the best among our applicants, to accept in July a good many more than we can then assign to rooms.

The increasing number of students from other colleges who are applying for admission presents a growing problem. It seems wise to the Council not only to select only such as have done thoroughly good work elsewhere and whose good citizenship seems to have been unquestioned but to limit the number accepted to a small proportion of the total number of new students, giving preference to those applying from accredited junior colleges rather than from four-year colleges.

With the increasing number of applicants, the smaller proportion of withdrawals, and our policy of accepting only those whom we can accommodate on our campus without undue crowding, we should be able to make our selective methods increasingly efficient.

On the whole, much the same procedure as in the two preceding years was followed in advising students both during Freshman Week and throughout the year. In the hope of creating more intelligent interest in their academic work there was more discussion with the Freshmen about the curriculum, and they were given more opportunity to talk with Faculty representatives from each department before registering for courses. The appointment of Miss Anderson as Freshman Dean not only made it possible for Dean Smith to give more time to much needed conferences with Sophomores and upperclassmen but gave to the Freshmen an adviser who, as Secretary of the Council on Admissions, had corresponded with them and was familiar with their names and backgrounds. Miss Anderson continued the plan so ably carried out by Dean Smith of having an upperclass adviser for each ten new girls. Through the bi-weekly conferences of the advisers with Miss Anderson and with some of the Faculty who could give them expert advice in various fields and through their work with the Freshmen, in many cases of real value, the advisers are themselves developing qualities of leadership quite as significant in the life of the College as the help they give the Freshmen.

In academic work the year was fairly successful. The median in the psychological test given to entering Freshmen rose from 191 in 1934-35 to 205, which would seem to show an improvement in ability and preparation. Although the number of quality-points earned per student was .23 lower than in the preceding year, the number of semester-hours passed was .5 higher, and the whole average of Freshmen, Advanced Freshmen, and Juniors was higher also. The following tables give the statistics for the new Freshmen for both semesters and for all students for the year.

TABLE I
FAILURES OF FRESHMEN

	<i>Number of Students Failing</i>	<i>Percentage Class Failing One or More Subjects</i>
Six-Weeks Reports—Oct. 24	51	.22
Fall Mid-Semester	42	.19
First Semester	32	.14
Spring Mid-Semester	40	.18
Second Semester	29	.13

TABLE II
FRESHMEN MAKING B AVERAGES

	<i>Number of Students Making "B" Average</i>	<i>Percentage of Class</i>
Fall Mid-Semester	27	.12
First Semester	42	.19
Spring Mid-Semester	23	.10
Second Semester	40	.18

TABLE III
QUALITY-POINT AND SEMESTER-HOUR STATISTICS, 1935-36

<i>Class</i>	<i>Q.P. Earned Per S. H. Carried</i>	<i>Q.P. Earned Per Student</i>	<i>S.H. Carried Per Student</i>	<i>S.H. Passed Per Student</i>	<i>S.H. Failed Per Student</i>
Freshmen.....	1.303	20.49	15.72	15.06	.66
Advanced Freshmen.....	.599	9.11	15.22	13.16	2.06
Sophomore.....	1.397	21.49	15.38	15.04	.34
Junior.....	1.579	24.59	15.57	15.37	.19
Senior.....	1.757	26.24	14.93	14.87	.06
General.....	1.431	22.11	15.44	15.01	.43

The withdrawals from September, 1935, to September, 1936, exclusive of those who were graduated, was 119; 30 Freshmen, 24 Advanced Freshmen, 46 Sophomores, 10 Juniors, 3 Seniors, and 6 special students. Of these, 12 failed to pass enough work to remain in College; 5 Freshmen, 6 Advanced Freshmen, and 1 upperclassman. Sixty-four of the 119, however, failed to make a "C" average; and in many cases poor scholarship was undoubtedly the real reason, though not always the one given for the withdrawal. As in preceding years, the Dean recommended withdrawal in certain cases where the student was obviously struggling hopelessly with academic work or seemed seriously maladjusted in other ways.

This year 11 women made Freshman Honors at Commencement out of 22 Freshmen on both campuses, and 3 Freshmen and 2 Sophomores won five of the ten honorary scholarships awarded the two classes.

The number of women on the Dean's List was 71 the first semester and 82 the second, the latter including Sophomores who for the first time were given the privilege in their second semester if they had made the required average during the first. Fifteen undergraduate women were elected to Phi Beta Kappa, two women were awarded degrees *Summa Cum Laude* and three *Magna Cum Laude*, and four women completed Departmental Honors work, three in English and one in Political Science.

The *Panhellenic Scholarship of \$100* for the highest record made by any woman in the Junior year and the first half of the Senior year was awarded to Miss Betty Friemel, of New Jersey.

During this year there has been a decided shift in vocational interest among the women. From 43 per cent in 1934-35, the percentage of Seniors enrolled in the Public School Teaching Group dropped to 20 per cent. Fifty-seven per cent were enrolled in the General Group and 23 per cent in the other groups. There has been for several years a steady increase in those taking courses in economics and sociology, looking toward business or social service as a vocation.

As heretofore, vocational guidance and information have been given to the women in voluntary conferences with certain members of the Faculty, with the Deans, and through a series of special assembly talks.

With the co-operation of the Woman's College Library Dean Smith has had provided for the women a shelf of magazines and books on occupations for women. Certain contacts have been made with business firms, notably with the International Business Machines Corporation. In 1935 Miss Elizabeth Pegram was selected to take the course offered by this corporation and was so successful in the course and in the position to which she was appointed that the company selected three Seniors from the Class of 1936.

Faced, as many of our students are, with the necessity of earning their own living and perhaps of helping younger brothers and sisters, they feel, as do their parents, that they are not receiving sufficient vocational guidance and that the College is not giving the attention it should to this field and to placement. The work should be better organized, more time should be given to it, and the help of experts obtained.

Student employment in the Woman's College centers chiefly in Dean Smith's office. One hundred and thirty women were employed in the Union, dormitories, libraries, and offices, and thirty-one were working under the N.Y.A. Dean Smith has required of all students receiving positions through her office good citizenship, a good health record, and a "C" average, even if this meant carrying less than a normal amount of work, since we believe that only by such means can we maintain standards of scholarship and of conduct and safeguard properly the health of the students. At present appointments are made through several sources, and it is therefore not easy to be sure that all women regularly employed are meeting these conditions. We recommend therefore that all undergraduate women who wish work, those under N.Y.A. included, be required to file applications in Dean Smith's office, that no appointments be made until the applicant has been approved, and that students failing to maintain the standards established by the Woman's College for such positions should not be allowed to keep them.

The health of the women was on the whole good. There were no epidemics and no deaths, although as usual there were far too many colds, headaches, cases of fatigue, etc. Our health problem seems largely a matter of health education.

For the first time the Department of Physical Education offered two elective semester courses in hygiene for Freshmen and Sophomores, and books on various phases of personal and social hygiene were added to the small library in each dormitory. For the second year also the Dean had a group of some twenty-five Seniors meeting in her home every other Sunday afternoon through the second semester for discussion with members of the Faculty and outside speakers on marriage and family relations. Yet we have barely touched the crying need of many of our students for guidance in physical and mental health. They must have the understanding and help that an intelligent woman physician of fine personality and such a woman only can give.

One definite improvement in our health service was the removal of the Infirmary from a wing of Brown House to the Faculty Club or former Kilgo House. During the summer the house was remodelled to some extent, and in September was opened as the Infirmary. It provides quiet rooms with several sun and sleeping porches and is large enough for all our needs.

The Department of Physical Education has developed rapidly in recent years and is doing excellent work in its special field, but it also needs the co-operation of a woman physician throughout the year. At present all new students are given in September a physical and medical examination, the latter given by Dr. Annie Smith and Miss Ramsay, the Head Nurse in the Infirmary. Dr. Speed, the College Physician, gives the tuberculin test, and the Department of Physical Education gives the posture silhouettegraph and anthropometric and orthopedic examinations. A second examination is given at the end of the Freshman year, and medical check-ups are made whenever necessary. The work done by the students in the Department is based on their tests, and they are divided into groups carrying full, modified, and light activity, or requiring rest only.

During the three years of required attendance in the Department the normal student is expected to take at some time: 1 term of gymnastics; 1 team sport; 1 term of some type of rhythmic work; and 2 individual sports, such as tennis, swimming, riding, or golf. Special corrective work of various kinds is given to such as need it.

In addition to the requirements in this Department the students take part in a rather large number of athletic activities. The Woman's Athletic Association is a flourishing organization, which in 1935-36 carried out fall and spring field days, the latter on May Day morning; sponsored in November a Play Day for girls from neighboring colleges of W. C. U. N. C., Meredith, Peace, St. Mary's, Chapel Hill, and Greensboro College; sponsored a visit from the United States Field Hockey Team; raised money to repair and improve the cabin belonging to the Association; and helped in many ways to make the May Day program a success.

In the winter came the basketball intramurals. There were twenty-three competing teams; sororities, dormitories, town girls, a Faculty team, and certain independent teams as well. In the winter also the Nereidian Club gave an excellent water pageant.

Plans are being made by a group interested in riding to form a riding club and by another group to study the art of the dance with the hope of being admitted in the future to the national organization, Orchesis.

With regret the College accepted the resignation of Mrs. Chatneuff, who for years has been an able and beloved member of the Department, and in her place was appointed Miss Margaret Morris, W. C. U. N. C., 1933.

Because of additional equipment, the gymnasium was used also for more informal dances and for various class recreational parties as well as for mixed swimming at certain specified times.

During this year, the sixth of the separate Woman's College, we saw come to fruition some of the seeds so hopefully sown and so carefully nurtured. Miss Wilson, who has been in charge of the social life of the women, says that "there was evident among the students a greater group stability, sense of responsibility, and exercise of initiative, with a degree of power to accomplish something worthwhile than in any year since the opening of the College. For a second time the new election system, which is based somewhat upon the civil service examination plan, brought to high office very able students. As a result, new emphasis is now put upon preparation for these responsibilities; the offices enjoy greater prestige; and the number of candidates for offices, especially those open to Freshmen and Sophomores, is greatly increased."

Feeling keenly the need for a better co-ordination of activities in our growing student body, the students with Miss Wilson's help organized a Presidents' Club which includes the presidents of all the thirty-eight student organizations. Its purposes deserve, I believe, a somewhat full statement.

1. To co-ordinate the work of the many campus organizations, to encourage the combination of those that have the same purpose, and to disband those that exist in name only.
2. To work out a schedule that will avoid conflicts in time and place of meetings.
3. To provide a medium through which the Chairman of the Point System can receive the advice of organization heads in planning and carrying out an effective system that will at once limit and encourage activity in extracurricular activities.
4. To encourage the adoption of some good banking and bookkeeping system for the treasurers of student organizations.
5. To require better training and better work of student officers, thus making of their positions good training grounds for places of leadership and responsibility after they leave school.
6. To provide a medium through which the President of the University and the Dean of the College, ex officio members of the Club, can ask for and be assured of the understanding and co-operation of the students of this College in any undertaking.

The President of the Senior Class automatically becomes chairman of this Club, and its first president was Miss Ruth Phillips, an especially able girl. Already the Club has done excellent work in devising a better plan for organization meetings, in adopting a more efficient method of handling organization funds, and in planning a training class for officers. It promises a future of valuable service.

As in recent years, the students continued their interest in raising funds for helping the College in various ways. The work of the Woman's Athletic Association has already been mentioned. Among other projects, several deserve notice in this report.

For the second year the women voted unanimously to continue their tax of \$1.00 per person for the purpose of bringing interesting speakers to our campus; the Senior women joined with the Senior men in planting trees along Myrtle Drive; the Y.W.C.A. set aside some \$100 toward a fund for a better meeting place; the Social Standards Committee began a long-time plan for redecorating and refurnishing the lobby of the Union; the Town Girls' Club bought additional furniture for their room, and new lockers were provided for them.

The Sandals continued their work in the Ark, and a small room at the rear was equipped as a kitchen for the serving of refreshments. In the basement a bowling alley was added, which provides exercise and pleasure for individuals as well as for couples. Miss Evelyn Barnes continued her invaluable work as adviser to this group of Sophomores.

Three hundred dollars was presented to the College by Miss Elizabeth Knight and Miss Catherine Serfas, 1934, the entire balance left after the discontinuance of the *Distaff*, of which they were editor and business manager. A third of the money was used to furnish a sewing-room in the basement of the Union. With the rest and with \$100 contributed by the University, 174 books were placed for free use in one of the single rooms on the second floor of each dormitory which the College set aside for sitting-rooms. The College provided bookshelves in these rooms which were partially furnished by the College and partially by the students themselves, and the books have been in constant circulation.

Through the interest of one of its members, Miss Germaine Lewis, the Music Study Club brought to the University for a concert Mr. Nino Martini, who not only delighted his audience with his songs but electrified the Music Study Club by donating to it the net proceeds of the concert.

All of the classes continued their interest in the painting of the Dean's portrait to such effect that, with the help of a private donor, they were able to have the portrait painted by the well-known English artist, E. Barnard Lintott. The unveiling took place on May Day, and the portrait now hangs in the Union.

In recognition of his twenty-five years of service as President, the Woman's College Government Association invited Dr. Few to a formal dinner and presented him with a gift of silver as an expression of their warm affection, high esteem, and deep appreciation of his interest in their welfare and his unfailing courtesy in accepting their invitations and in listening to the expression of their wishes.

Perhaps the most notable change in the life of the students was the opening of the Panhellenic House. A committee of Panhellenic, under the leadership of Miss June Langfitt, working with the architect and with Mr. Tyree, worked out plans for the remodeling of a part of Crowell, an old laboratory building. Here ten of the eleven sororities have their chapter rooms. Alpha Epsilon Phi, the small Jewish sorority, did not think its membership large enough to warrant joining with the others at that time and retained its chapter room in Pegram House. With this

one exception all chapter rooms have been moved from the dormitories. The rooms are most attractive, and the financing has been handled in such a way as not materially to increase the cost to the members.

Both students and national officers consider the house unusually successful, and to our campus life it has been of great help. The management has been in the hands of Panhellenic and especially of a Senior committee. They have made and enforced regulations and have supervised the house on open nights. Living together in this way and sharing responsibility has developed a friendlier spirit among the sororities; the removal of the chapter rooms from the residence houses and the frequent invitations to the new house have created a more friendly feeling between sorority members and independents, and less emphasis is laid in the dormitories on sorority membership. Opening the rooms for dating on three nights a week has lessened the congestion in the social rooms, and the house offers a natural and home-like way of entertaining friends among students and Faculty.

As soon as is practicable the lower floor of Crowell should be remodelled to meet other social needs.

In all of the work with the students on our campus, recognition should be given to the women serving as heads of the dormitories and to Mr. Tyree, Business Manager. In the plans for the Panhellenic House and in every other project for the betterment of the College, Mr. Tyree has taken an active interest. He has co-operated happily with the students, and without his help and backing they would have found it difficult to carry their plans through to success. No one comes into such close and constant contact with the students as the Resident Heads. The work requires understanding and tact, patience, and devotion, and at times long hours. It demands qualities which win the students' respect, liking, and confidence. Miss Wilson makes certain recommendations for the betterment of the living conditions and efficiency of the Heads of the dormitories, among them the following:

1. Encouragement to travel and study along whatever line appeals to them.
2. Recommendation to the Executive Committee of the University that some plan providing regular leave of absence for a semester or a year be adopted.

It would seem that the best way to build this division of the Staff of the College would be to encourage growth in those members who are now serving and to develop a system which will attract the kind of people desired. It is further suggested that the members of the College community no longer speak or think of this work as a "part-time" job which requires just half a day. While there is time for other work and interests, days come when one must give herself and her time completely.

Another notable event of the year was the election of Miss Elizabeth Akin as Business Manager of the *Chronicle* for the year 1936-37, the first time in the history of Trinity and Duke that a woman has held a major office on one of the publications. Not only is her election noteworthy, but

the friendly spirit in which it was accepted by the men. Both men and women and Miss Akin herself recognize with a certain humor that it was unexpected and the result of a political slip, but, as Miss Wilson wisely puts it, "The reaction of Trinity College students to this election is significant in that it is another expression of the fine relationship that exists between the two campuses and their ability to work together, making whatever adjustments are necessary for the progress of the organization. The separation of the Colleges and the growth of the University have only strengthened this heritage of earlier years."

The religious life of the College centered largely in the Y.W.C.A., although some two hundred, exclusive of the large number in the University Choir, attend the Sunday morning services in the Chapel, and a few are affiliated with churches in town.

One of the four required days of Freshman attendance at assembly was given to a religious service, sometimes conducted by the Y.W.C.A., sometimes by Dean Smith or others, and on Monday evenings the Y.W.C.A. held its bimonthly meeting, often religious in character.

Eight women were members of the Student Volunteer Group which met each Sunday morning for fellowship and study.

The membership of the Y.W.C.A. was large, 391 active and 69 sustaining members. Dean Smith is its special adviser and reports that its work was varied. "During Freshman Week the Cabinet members met all trains and buses, gave a tea for the early arrivals, and assisted in providing social entertainment. Throughout the year there were Association meetings of general interest, and chapel programs sponsored by the various committees, particularly the Worship Committee. The World Fellowship Committee was active in presenting peace programs and trying to enlist the interest of the whole campus. The Social Committee endeavored to supplement the social life of the campus by sponsoring Student-Faculty teas, and picnics for Freshmen men and women, and, in addition to entertaining the mothers who came for the West Campus Dads' Day, inaugurated a Parents' Day for the East Campus. The Freshman and Sophomore Commissions provided training for more efficient and better informed leaders. Eleven girls, the largest number in the history of the organization, were sent to the Blue Ridge Y.M.-Y.W.C.A. Conference, one delegate was sent to the Student Volunteer Quadrennial Conference, and many attended other conferences in the state. Only three of the Interest Groups functioned throughout the year because of lack of student leadership and interest. The Christmas Fair was a financial success, and \$100 was added to the fund started last year for some more suitable place for Y.W.C.A. meetings.

"Under the leadership of Miss Mary Lawrance, with Dr. John A. Bradway as Adviser, the Social Service Committee continued to do splendid work with the children at Wright Refuge, in the general clinic of Duke Hospital, with the Legal Aid Clinic, and with the Welfare Association, providing Thanksgiving baskets for fourteen families, stockings and a Christmas party for one hundred needy children, and dressing

twenty-five dolls for the Salvation Army. The Entertainment Committee presented a program and served refreshments at one charity institution in the city each month. In addition to these activities the Committee co-operated with the Judge of the Juvenile Court and the Head of the Recreation Department in organizing clubs for underprivileged girls of school age. Another project was a class in Social Case Work which the Committee felt was needed for intelligent understanding and more effective work. Mrs. Florine Ellis, who works with the Charity League, was secured as teacher of this class.

"In her annual report Miss Alma Hull, President of the Y.W.C.A., stated: 'The purpose of the organization for the year and the subsequent program were necessarily broad and varied. It was meant to carry out the national purpose of the Y.W.C.A. and at the same time to meet the needs and problems on our own campus. In attempting to realize this purpose, the Cabinet did not lose sight of the fact that the Y.W.C.A. is primarily a religious organization and that this emphasis should be the most vital part of the program. It was believed, however, that much could be gained by enlarging those phases of the work which help girls to participate in worth-while and creative activities. By this approach it was hoped that the members of the organization would be made to realize that religion is not a thing apart from everyday living. In the opinion of the President, this approach resulted in gaining the interest and support of a greater percentage of girls on the campus than heretofore. The general meetings have not yet been as well attended, and the interest manifested in such opportunities has not been as enthusiastic, as we believe they may be'."

Dean Smith closes her report with a recommendation in which the Dean of the College heartily concurs.

"Students reflect the attitude of the age of which they are a part, and even among leaders of the religious organizations the tendency is to break away from traditional religion and to value lightly those sources of power—prayer, Bible study, and worship—which have been of help to others in the past. Wise and continued adult leadership is needed, and I strongly feel that, in addition to what is already being done by the University, the growth of the Woman's College justifies the employment of a woman who could devote fully half her time to religious work, could work with student organizations, and help the women in their personal problems. We are glad to be assured by University authorities that we can have such person as soon as one suitable for this work can be found."

In past years the Dean has urged the appointment of more women to full professorships. She appreciates keenly the appointment in 1935-36 to a professorship in physics of Dr. Hertha Sponer, and hopes that in the near future other distinguished women may become members of our Faculty group. To her way of thinking this is one of the best ways to arouse in the women students an interest in scholarship and its rich rewards.

ALICE M. BALDWIN,
Dean of the Woman's College.

THE GRADUATE SCHOOL OF ARTS AND SCIENCES

To the President of the University:

As Dean of the Graduate School of Arts and Sciences, I have the honor to submit my report for the academic year 1935-36.

The Graduate School was formally organized in the fall semester of the academic year 1926-27. Prior to that time there had been for many years a limited number of graduate students in Trinity College and Duke University with a program of work leading to the degree of Master of Arts. The close of the academic year 1935-36 marked the completion of the tenth year of the organized existence of the Graduate School. Its record has been one of encouraging growth. The attendance increased from 86 in 1926-27 to 241 in 1935-36. At the close of 1926-27 the A.M. degree was conferred on 26 candidates and the degree of Master of Education on one. By contrast, at Commencement, June, 1936, degrees were conferred as follows: Master of Education, 27; Master of Arts, 85; Doctor of Philosophy, 25.

One notable development of recent years has been the great increase in the number of graduate students enrolled in the Duke Summer School. Many hundreds of public school teachers come to Duke during the summer vacation to increase their professional attainments and to earn advanced degrees. Of 1,402 Summer School students on the Duke campus during the first term of the Summer School of 1935, the number of college graduates was 731. The Graduate Council has during the past year been engaged in a study of problems arising in connection with graduate work in the summer.

In the twelve months including the Summer School terms of 1935 and the academic year 1935-36 there were registered 1,220 individual graduate students, eliminating all duplications. This compares with a total of 1,016 graduate students enrolled for the twelve months ending at Commencement, June, 1935.

Evidence of the quality of a school and of the success of its work may be found in the ability of its graduates to secure and hold desirable and important positions. An inquiry was made in the summer of 1936 to determine the facts as to the employment of the 139 persons who have received the degree of Doctor of Philosophy from the Duke Graduate School since its organization. Although the figures included the twenty-five graduates who received the degree in 1936, only eight were not employed. With few exceptions, the others were either teaching in colleges and universities, engaged in industrial research, or holding government positions. Geographically they were located in twenty-seven states, the District of Columbia, the Canal Zone, and China. The Graduate School administration constantly co-operates with the various departments and with the Appointments Office in aiding competent graduates to secure positions for which they have had the requisite training.

Keen interest is felt by the Faculty and students of the Graduate School in the approaching Centennial Celebration in the academic year 1938-39 of the Origins of Trinity College, from which Duke University was developed by the gift of Mr. J. B. Duke in 1924. In connection with the Celebration, plans have been made to enlarge and finish the University Library so as to furnish stack room for its constantly growing book collection and to provide offices and seminar rooms for the Graduate School. It is also hoped that the Centennial may be marked by the erection of new dormitories which will include much needed accommodations for graduate students.

In the President's Report for the academic year 1934-35 attention has already been called to the need of endowed fellowships in the Graduate School and especially to the need of some international fellowships. Every year there are many applications of promising students from Germany, England, France, Austria, Switzerland, Turkey, Egypt, India, China, and Japan. The presence of worthy representatives of foreign countries in our Graduate School is highly desirable. They have much to learn both from professors and fellow-students, and we on our part will profit by a better understanding of people of other nations. In some cases foreign students will return, like Dean W. Y. Chen* of Fukien Christian University, China, to take places of leadership in their native lands.

We are also in need of some fellowships to which Duke graduate students may be appointed for travel, study and research elsewhere in the United States or in foreign countries. Often required materials for research are not accessible at home, or the most distinguished specialists in certain fields are to be found in other universities. The Duke Graduate School should be in a position to aid its ablest students to go to the best sources of knowledge, even though a period of residence at another university or in a foreign country is required.

With returning economic prosperity there is a growing tendency toward an increase in the cost of living. During the recent years of depression, the stipends of our fellows, graduate scholars, and graduate assistants were reduced. Additional fellowship and scholarship funds are needed to restore these stipends to their former level. The Centennial Celebration will afford an opportune time for generous friends of the University to establish endowed fellowships for foreign students coming to Duke, for Duke students planning studies abroad, or for research in special fields.

The Research Council, organized in the spring of 1934, has, with the aid of a considerable appropriation in the University Budget, done much to promote promising projects undertaken by members of the Faculty. Careful consideration has been given to all requests for grants-in-aid, and the funds available have been distributed in accordance with the Council's judgment of the merits, needs, and promise of the respective projects. To the extent of the Council's ability, efforts are being made to encourage and aid prompt publication of results. A Centennial gift for a research

* W. Y. Chen, Ph.D., Duke, 1930.

or publication fund would have a high degree of usefulness. More detailed information with regard to the activities of the Research Council—so important to the progress of the Graduate School—may be found in the report of the Council's chairman appended to the President's Report.

The functions of the Graduate School include both research and teaching. The two should go together. Especially when directing the theses in preparation by graduate students, a Faculty member should exercise a high degree of skill and should have a thorough acquaintance with the latest results of research in his particular field. Possibly some professors should be appointed who will devote most of their time to research, but all should have some teaching contacts with students. A well conceived program of research being carried out in any department will vastly increase the effectiveness and interest of both undergraduate and graduate instruction in that department.

A statement of research publications by members of the Faculty from July 1, 1935, to June 30, 1936, is included among the appendices to the President's Report. Numerous other research undertakings are in progress but have not yet reached the stage of publication.

Since 1933-34 the University's system of sabbatical leaves of absence has been in partial abeyance. However, leaves of absence for a full year at half salary have continued to be granted. The sabbatical leave system has now been fully restored, going into effect in 1937-38. Such restoration will be of great benefit to the Graduate School. Some members of the Faculty will thus be given the opportunity of carrying forward projects in which they are interested where materials are most available and conditions are most favorable. Others by travel will gain a broader knowledge and understanding of the life and problems of the people of other countries. Still others may use the sabbatical leaves as a period for physical as well as mental upbuilding and renewal of strength. In all these cases the members of the Faculty may be expected to return to the University from their leaves prepared to enrich their courses and to assist and guide their students more effectively.

The Duke University Press issues a number of periodicals of recognized standing in various fields of scholarship. These afford opportunity for the publication of articles and short monographs by members of the Faculty and advanced students in the Graduate School. Although the Duke Press also publishes an important list of books, the authors of many scholarly works written at Duke have found it necessary, or advantageous for business reasons, to arrange for publication elsewhere. In particular, a fund to aid in the publication of a series of accepted theses for the Ph.D. degree would be of great value to the Graduate School in giving prompt publicity to the work done by promising recipients of advanced degrees.

For the past several years the Conference of the Deans of Southern Graduate Schools has been engaged through one of its committees in making a study of requirements for the Master's degree. An extended re-

port by the committee was approved at the Atlanta session of the Conference in December, 1935. After further study and revision by the Conference, the proposed standard requirements for the Master's degree will come before the Duke Graduate Council for consideration during the academic year 1936-37.

Following is an analytic table of Master's degrees conferred by Duke University 1924 to 1936, including both years:

MASTER OF ARTS DEGREES CONFERRED BY DUKE UNIVERSITY, 1924-36

Department	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	Total
Biochemistry											1			1
*Biology	2	1		1	2	9	4	1	9	8	5	7	10	59
Chemistry	1			1	2	2	5	1	6	8	2	4	5	37
*Economics and Political Science		3	3	2	5	2	6	1	4	10	2	10	9	57
Education	6	5	6	10	8	9	5	4	10	6	10	14	14	107
English	1	4	2	1	12	13	8	16	15	15	9	15	12	123
French		3	2		1		4	5	8	6	3	8	5	45
German					1		1			2	1	1	1	7
Greek			1	1		1	1		1		1	2		8
History	4	3	1	2	9	10	8	8	8	8	5	4	11	81
Latin				2		2	2	1	2	1	2	2	5	19
Mathematics	1	1	2	1	4	4	2	6	3	4	6	8	7	49
Philosophy								1	2	1		1		5
Physics			2		4	3		2	1	4			2	18
Psychology					1	3	2	5		3	1	1	1	17
Religion	1	6	3	5		5	7	8	13	2			3	53
Sociology										2	1	1		4
	16	26	22	26	49	63	55	59	82	80	49	78	85	690
<i>Master of Education Degrees Conferred by Duke University, 1927-36</i>														98
<i>A. M. and Ed. M. Degrees 1924-36</i>														788

NOTE 1.—The degree of Master of Education has been conferred beginning with 1927 for the most part on school superintendents, principals, supervisors and others engaged in educational administration. The degree is not conferred upon persons who have not had as much as two years of such experience.

NOTE 2.—The above analysis of Master's degrees conferred by Duke University 1924-36 includes degrees conferred for work during the twelve weeks summer sessions as well as during the academic year from September to June.

*Departments divided for the following years:

1935 — Botany, 5; Economics, 3; Political Science, 7; Zoology, 2.

1936 — Botany, 3; Economics, 2; Political Science, 7; Zoology, 7.

During the period 1928 to 1936 Ph.D. degrees have been conferred by Duke University as shown in the following table. This degree was not conferred before 1928.

BY YEARS

	<i>Number of Degrees</i>
1928	2
1929	5
1930	8
1931	9
1932	17
1933	22
1934	22
1935	29
1936	25
<i>Total</i>	139

By
Departments

Biochemistry	1
*Biology	22
Chemistry	25
*Economics and Political Science	13
Education	4
English	16
French	1
Greek	3
History	25
Mathematics	5
Philosophy	4
Physics	8
Psychology	9
Sociology	3
<i>Total</i>	139

The following table shows the enrollment in the Graduate School by academic years (from September to June) and the number of degrees conferred in each year:

<i>Year</i>	<i>Students Enrolled</i>	<i>A.M.</i>	<i>Ed.M.</i>	<i>Ph.D.</i>
1923-24	35	16		
1924-25	41	26		
1925-26	66	22		
1926-27	86	26	1	
1927-28	130	49	5	2
1928-29	175	63	5	5
1929-30	193	55	6	8
1930-31	231	59	11	9
1931-32	260	82	8	17
1932-33	266	80	11	22
1933-34	217	49	7	22
1934-35	227	78	17	29
1935-36	241	85	27	25

* Departments divided for the following years: 1935—Economics, 1; Political Science, 3; Zoology, 4. 1936—Botany, 3; Political Science, 2; Zoology, 3.

Of the nearly 800 persons who have received the Master's degree from the Duke Graduate School since 1924, the great majority hold positions as teachers in schools and colleges in all Southern and South-eastern states, and also in West Virginia, Pennsylvania, and other sections of the country. Most of the 139 Doctors of Philosophy who have taken their degrees in the Duke Graduate School are faculty members or are on the research staffs of about seventy universities, colleges, and school systems. The following are among the educational institutions with which they are connected: Alabama Polytechnic Institute, Birmingham-Southern College, the University of Arkansas, John B. Stetson University, Mercer University, Illinois State Normal University, University of Iowa, Berea College, University of Kentucky, Louisiana State University, Stanford University, Yale University, Johns Hopkins University, University of Maryland, Washington College (Maryland), Smith College, Wellesley College, Washington University (St. Louis), Tarkio College, Westminster College, Kansas City Teachers College, University of New Mexico, College of the City of New York, Columbia University, New York University, University of Buffalo, Duke University, East Carolina Teachers College, Elon College, Lenoir-Rhyne College, North Carolina State College, Woman's College of the University of North Carolina, Ohio State University, Southeastern Teachers College of Oklahoma, Bucknell University, The Citadel, Coker College, Furman University, Lander College, Winthrop College, Wofford College, University of Chattanooga, University of Tennessee, Cumberland University (Tennessee), Vanderbilt University, Southern Methodist University, McMurray College, Marshall College, Hampden-Sydney College, Mary Baldwin College, University of Richmond, Virginia Military Institute, and Fukien Christian University (China).

In commercial research and similar work Duke doctors hold positions with the Oxford Paper Company of Maine, as research chemist with the Tennessee Valley Authority, with the Bakelite Corporation of New Jersey, with the Zonite Products Corporation of New Brunswick (New Jersey), in the Biochemical Laboratory of the Hague Memorial Hospital in New Jersey, with the City Chemical Company in New York, with the Killian Laboratory in New York, with the Bemberg Rayon Company in Tennessee, with the International Nickel Company in West Virginia, and with the Bureau of Standards in Washington. They are also employed as Assistant Superintendent of the Detroit City Schools, Secretary of the North Carolina Commission for the Blind, Assistant Director of the National Youth Administration in North Carolina, and with the United States school system in the Canal Zone, the Agricultural Adjustment Administration, the American Council on Education, the Bureau of Standards, the Library of Congress, the National Archives, and the Federal Resettlement Bureau.

During the year much needed assistance was provided in the Graduate School Office by the appointment of Miss Edna Fluegel as Recorder and

Assistant to the Secretary, Mrs. Knight. Graduate student records were formerly kept in the same office with the undergraduate records. The new appointment has now made possible the transfer of the graduate records to modern filing cabinets so as to have immediately accessible in the Graduate School Office the complete academic records and other information regarding approximately one thousand degree holders from the Graduate School. As soon as the pressure of more urgent work permits, records of graduate students who did not complete the requirements for degrees will also be transferred to the new filing cabinets and thus be made more readily accessible.

I desire to express appreciation of the helpful co-operation during the year of Dr. Robert S. Rankin, Assistant Dean of the Graduate School. In particular, he collected the facts regarding the employment of Duke Doctors of Philosophy presented in this report. Dr. Rankin was granted leave of absence for the first semester of the academic year 1936-37, and will be engaged in writing and research.

Miss Fluegel's first year of work in the Graduate School Office has been most satisfactory. I cannot speak too highly of the faithful and efficient services of Mrs. Rebecca Knight, who has for more than ten years lightened the administrative tasks of my office through her careful and unremitting attention to necessary details.

WILLIAM H. GLASSON, *Dean*
of the Graduate School of Arts and Sciences.

THE SCHOOL OF RELIGION

To the President of the University:

I have the honor to present the following report of the School of Religion for the year 1935-36, which is the tenth year of the School.

Statistical reports are appended showing the enrollment for the year, and the work of the sixty students holding appointments for the summer of 1935 from the Duke Fund for Aiding Rural Methodist Churches. During the year thirty-five students served pastoral charges within reach of the University. These figures do not include students registered for thesis work only, but not actually in residence. Several of the resident students found opportunity for service as well as valuable experience by teaching Sunday School classes, assisting in young people's work in local churches, and conducting religious meetings at the city jail and in hospitals. Some students have given assistance to the Legal Aid Clinic of the Law School.

During the year fifteen of our graduates pursued advanced work at Duke, Boston, Chicago, Yale, Columbia, and Brown universities. The first holder of the Gurney Harriss Kearns Fellowship in American Religious Thought and Practice was one of our graduates, Edward Emerson Wiley, Jr., of the Class of 1934, who was reappointed and is continuing his work in our Graduate School for a second year. All the graduates of the Class of 1936, who are not engaged in advanced study, readily found places in the ministry or in other religious work.

Various factors have led to a steady decline in our enrollment in recent years, chief among them being the decrease in the number and value of the Rural Church Scholarships, and a temporary slackening in ministerial and other kinds of opportunities for church work. There are definite prospects now of an increase in our enrollment. Our graduates have been in great demand during the past year, there being more calls than we could fill. In order to take care of the demands of the Methodist Episcopal Church, South, alone for trained men, it now appears necessary for us to graduate each year a larger number of men than we have previously done. We are constantly asked to recommend young men not only for the Methodist itinerancy, but also for positions as assistant pastors and directors of religious education. The demand upon our School will be increased still more if the proposed union between the Methodist Episcopal Church, the Methodist Episcopal Church, South, and the Methodist Protestant Church is ratified. There promises to be a steady increase also in the number of Congregational-Christian students.

The following notable additions have been made to the School of Religion section of the University Library: a complete file of the *Quarterly Statement and Annual of the Palestine Exploration Society*; the *Journal of the Royal Asiatic Society* for the Malay and Straits Settle-

ments; the *Magdeburg Centuries* (*Centuratores Magdeburgenses; Ecclesia Historia, Integram Ecclesia Christi Ideam Secundum Singulas Centurias Perspicuo Ordine Complectans.*), the *Transactions of the Korea Branch of the Royal Asiatic Society*; a large number of Methodist annual conference minutes and various religious periodicals of Methodist, Protestant, Episcopal, Lutheran, and Southern Baptist churches; and about 250 volumes of Quaker literature and periodicals donated by the libraries of Haverford and Swarthmore colleges, including a nearly complete file of the *Friends Intelligencer*.

In the Spring Number of the *School of Religion Bulletin* (1936) is printed a complete list to date of the School of Religion B.D. theses which are on file in the Library.

During the year we had no visiting lecturers under the auspices of the School of Religion. The School shared in the celebration of the four hundredth anniversary of the printed English Bible, in the Kagawa meetings, and in Dr. Henry H. Crane's meetings during Religious Emphasis Week; and our students had also the privilege of hearing the many distinguished visiting preachers in the University Chapel.

The co-operation of Duke University in the celebration of the four hundredth anniversary of Coverdale's Bible was directed by a committee of the School of Religion. The program included a series of nine weekly radio talks by Dr. Kenneth W. Clark; an exhibit of Bibles and facsimiles in the University Library, showing the development of the English Bible; a special library of books about the Bible; and a number of public addresses by members of the Faculty at the University and at places in and about Durham. As part of the celebration Dean Lynn Harold Hough of Drew Theological Seminary gave an address on "A Living Book in a Living Age" to the University public on November 30. Dr. Hough also gave a lecture on "Paradox and Life" before the School of Religion and University public on Monday, December 2. The closing event in the celebration was the pageant on the Bible, Sunday, December 8, *The Rainbow Rays of Righteousness*, prepared and directed by Professor Hersey E. Spence.

Dr. Toyohiko Kagawa visited Duke University on January 15-16, 1936, speaking, in all, seven times to large audiences. His visit proved of great inspiration and value to our students and Faculty. In connection with his visit the Sixteenth Annual Duke Missionary Institute was held under the joint auspices of the Department of History of Religion and Missions and the Board of Missions of the Methodist Episcopal Church, South. In addition to Dr. Kagawa the speakers were Dr. W. G. Cram and Dr. Elmer T. Clark of the Board of Missions.

The Faculty remained unchanged during the year. In the spring Dr. William Franklin Stinespring was secured as Visiting Professor of Old Testament, to begin his duties in September, 1936.

The Phillips Brooks Club, composed of ministers living in the Durham area, under the leadership of Dr. Hickman, has continued to grow

in attendance and value. A good part of the members take luncheon together at 1:00 P.M. on meeting days in the University Union. One outstanding achievement has been the magnifying of areas in which the various communions can work together more effectively than they were able to do separately. The group has crystallized into a fellowship for united Christian effort. The attendance for the year averaged about forty-five. The program for the year was a discussion of Knudson's, *Present Tendencies in Religious Thought*. Some twenty or twenty-five have attended the meetings of the Homiletic Group, which met monthly, midway between the regular meetings of the Club. At these meetings two ministers are given subjects to discuss before the Group, for homiletic training and criticism.

An event of unusual importance was the beginning of the publication of the *School of Religion Bulletin*, largely on the initiative and by the active aid of alumni of the School who desired a regular means of contact with the School, and with the co-operation of the Faculty and students. On December 18, 1935, the Executive Committee of the University made a grant sufficient to cover the estimated cost of the proposed publication, according to a plan approved by the special committee to which the Executive Committee referred the matter and by the Faculty of the School of Religion.

The Faculty minutes state that the primary objective of the publication will be to continue with our alumni and others interested the educational processes which are the concern of the School of Religion.

It is now planned to issue four numbers each year under the name of *The School of Religion Bulletin*. One of these will be the announcement of the Junaluska School of Religion; the other three will appear in the fall, winter, and spring. The first number appeared in February, 1936. The Managing Committee consists of the Dean as Chairman, ex officio; Professor James Cannon, III, Managing Editor; Professor H. E. Spence, Literary Editor; Professor Gilbert T. Rowe, Book Reviews; Professor Paul N. Garber, the alumni representative, and the student representative, as News Editors.

The Alumni Association is becoming more and more a valuable asset to the School. I have already mentioned its initiative and active aid in establishing *The School of Religion Bulletin*. Local alumni organizations are being formed in Methodist Annual Conferences, the first to be reported being the Virginia Conference, and in centers where resident alumni are numerous; and alumni meetings or suppers have been held at Pastor's Schools, at the Annual Methodist Conferences in North and South Carolina, and in connection with the Memphis Conference of Methodist Young People, December 27-31, 1935.

An institutional chapter of the International Society of Theta Phi, an honor society for ministers and religious workers, was instituted at the School of Religion, May 15, 1935. This is the first chapter to be organized in the South. The first officers were Professor Gilbert T. Rowe, President, and Mr. Lowell B. Council, Secretary.

The Junaluska School of Religion had a second successful season in combination with the Junaluska Summer School, under the directorship of Professor Paul N. Garber. The enrollment was 163, approximately one half of whom took courses in religion.

Members of the Faculty have been engaged in extra-mural activities, along the lines indicated in detail in my report of last year, chiefly in preaching, teaching in training schools and Bible institutes, and lecturing.

Members of the Faculty attended meetings of learned societies and religious gatherings as follows: Dean Elbert Russell, Dr. Harvie Branscomb, and Dr. K. W. Clark attended the meeting of the Society of Biblical Literature and Exegesis at the Union Theological Seminary, New York City, December 30 and 31. Dean Russell and Dr. Clark presented papers on "The Babylon of Revelation" and "Manuscript Discoveries and Re-discoveries in America," respectively.

Dr. H. Shelton Smith attended the Methodist Young People's Conference in Memphis, Tenn., during the holidays. Dr. Smith was group leader for one section which discussed religion in its economic and industrial aspects.

Professor J. M. Ormond attended a meeting of the Rural Work Commission, which met in Nashville, Tenn., just before Christmas. Professor Ormond was the Chairman of the Fact-Finding Committee and made the report for that committee. He also attended the church-wide missionary conference which met in Washington, D. C., early in January. He made the report for the Rural Church Commission to this body.

Dr. Paul N. Garber attended the joint meeting of the American Historical Society and the American Society of Church History at Chattanooga, Tenn., during the Christmas holidays, and read a paper on the subject "The Hostility of the Early Methodists to Theological Schools." He is a member of the Committee on Manuscripts and of the Membership Committee of the American Church History Society.

At the meeting of the American Sociological Society which met in New York during the holidays, Dr. C. A. Ellwood spoke at the dinner and also delivered the address as President of Pi Gamma Mu. Dr. H. E. Jensen also attended the conference.

A list of publications by the members of the Faculty during the year may be found in the Report of the Chairman of the University Council on Research.

ELBERT RUSSELL, *Dean*
of the School of Religion.

SCHOOL OF RELIGION STATISTICS Academic Session, 1935-36

* ENROLLMENT

Men	111
Women	3
<i>Total</i>	<hr/> 114

DENOMINATIONS REPRESENTED

Methodist Episcopal Church, South	96	Methodist Protestant	2
Baptist	5	Methodist Episcopal Church	1
Congregational-Christian	3	Pentecostal Holiness	1
Disciples of Christ	2	Protestant Episcopal	1
		Society of Friends	1

STATES REPRESENTED

North Carolina	54	Missouri	3
South Carolina	11	Alabama	2
Virginia	10	Arkansas	2
Mississippi	6	California	2
West Virginia	5	District of Columbia	1
Florida	4	Kentucky	1
Tennessee	4	Maryland	1
Texas	4	Pennsylvania	1
Georgia	3		

COLLEGES AND UNIVERSITIES REPRESENTED

Duke University	25	Emory University	1
Wofford College	9	Guilford College	1
Emory and Henry College	6	Hampden-Sydney College	1
High Point College	6	Henderson State College	1
Wake Forest College	6	Marion College	1
Lenoir-Rhyne College	5	Mercer University	1
Catawba College	4	Mississippi State Teachers College	1
Elon College	4	Mississippi State College	1
Millsaps College	4	Murray State College	1
Morris-Harvey College	3	Newberry College	1
Birmingham-Southern College	2	Princeton University	1
Davidson College	2	Redlands University	1
Lambuth College	2	Rice Institute	1
Randolph Macon College	2	Scarritt College	1
Southern College	2	Shepherd State Teachers College	1
American University	1	Southeast Missouri State Teachers College	1
Asbury College	1	Southern Methodist University	1
Atlantic Christian College	1	Southwestern College at Memphis	1
Berea College	1	Southwestern University	1
Central College	1	Tennessee State Teachers College	1
Central Missouri State Teachers College	1	University of California	1
College of Charleston	1	University of Maryland	1
East Central (Oklahoma) State Teachers College	1	University of Southern California	1
		Wesleyan College	1

SCHOOL OF RELIGION STUDENTS WHO SERVED AS PASTORS' ASSISTANTS
DURING THE SUMMER OF 1935

Number of pastors' assistants: 63.

Sermons preached: 1,393.

Number of pastoral visits: 7,797.

Students participated in 87 evangelistic meetings resulting in:

Additions by profession of faith	433
Additions by certificate	81

Total 514

Surveys conducted: 10.

*Vacation Church Schools:

Number: 35. Enrollment: 1,416. Instructors: 153.

Cokesbury Schools:

Number: 131. Credits earned: 1,529.

It is difficult to give the exact number of churches and church members served by the pastors' assistants, because often two or three churches would unite in one Cokesbury School or one vacation church school. However, the following figures are approximately correct.

Number of churches served: 259.

Number of members of churches served: 36,609.

*The report of vacation church schools is considerably less than normal because of the epidemic of infantile paralysis in North Carolina in 1935.

THE SCHOOL OF LAW

To the President of the University:

The two publications of the Duke Law School, *Law and Contemporary Problems* and the *Duke Bar Association Journal*, have received increasing attention during the past year, as each is unique in its field. It has already become necessary to reprint many numbers of *Law and Contemporary Problems* to supply the growing demand from lawyers and business organizations for special numbers and for full sets. The Federal Government has in several instances purchased all available copies of certain issues, and in several universities various numbers are being used as text material in classroom work.

The use of the magazine has been further greatly extended by the fact that considerably over a hundred of the better libraries, college and public libraries, as well as bar associations and court libraries, are regular subscribers, and a large portion of them are seeking to fill in back numbers to make their sets complete.

This demand has so much exceeded expectations in several instances that some numbers have gone through the third printing. The numbers that have already or are soon to be reprinted are Wage-Earner's Life Insurance, Instalment Selling, Unemployment Compensation, Old Age Security, Food and Drugs, Low-Cost Housing and Migratory Divorce. The printings of the various numbers of *Law and Contemporary Problems* have been fairly large, as many as thirty-five hundred of a single issue.

The *Journal* of the Duke Bar Association has been much enlarged during the past year due to the growing interest in the Student Bar Association movement. Many calls have been received from other schools concerning the activities of the Association, and like organizations have already been established in a number of schools, following the lead and the plan of Association as it has been developed at Duke.

The significance to the profession of the Student Bar Association movement, in which the Duke Bar Association has been a pioneer, was expressed by President Ransom, of the American Bar Association, in speaking before the Duke Bar Association last October. In writing a Foreword to the Spring Number of the *Journal* he said: "The important thing is that, not later than law school, the candidate for the Bar shall come to realize that many of the problems of the profession may and must be dealt with collectively, through organization and group action, and cannot be surmounted by the sporadic efforts or speeches of individuals. . . . The time may not be far distant when the candidate for the Bar will receive in law school a considerable training in the objectives and methods of Bar organization."

Not only have the law students furnished all the material for the *Duke Bar Association Journal*, but a number of the leading articles in *Law and Contemporary Problems* during the past year have been prepared by them.

Through the Legal Aid Clinic and the Practice Court the education of the student for the actual practice of the law is continually being developed. As a part of the regular work of the Clinic, the students have prepared many briefs, both trial and appellate, for practicing lawyers who have sought this aid. These briefs are prepared for actual use in court, and in many cases lawyers have written that the briefs thus submitted were used by them without change in the successful handling of the matter in litigation.

During the past year, in addition to material published in *Law and Contemporary Problems*, many articles by members of the Duke Law Faculty have appeared in legal magazines and elsewhere. Among such periodicals are the *American Bar Association Journal*, *California Law Review*, *Southern California Law Review*, *Georgetown Law Review*, *American Law School Review*, *Boston University Law Review*, *Social Service Review*, *Harvard Law Review*, *Virginia Law Review*, *Mississippi Law Review*, *Trust Companies*, *Journal of Higher Education*, *American Philosophical Society*, etc. List of publications by the Law School Faculty during the year may be found in the report of the Chairman of the University Council on Research, in this bulletin.

Several members of the Faculty have prepared mimeographed materials for classroom use. This has been done in the courses in Introduction to Procedure, Constitutional Law, Legal Aid Clinic, and Taxation. It is expected that after trial in the classroom, such materials will be published in book form.

The Law Library under the able direction of the Law Librarian is growing not merely in size but in usefulness. It is now closely approaching 60,000 volumes, and while this makes it the largest law library in point of size in the South and Southwest, its usefulness is much greater than most libraries of comparable size, due to the fact that it has from the beginning been built up along definite lines, and contains practically no books that might be classified as dead material.

The periodical collection is particularly noteworthy and now comprises 5,527 bound volumes. At present the Library is receiving 225 periodicals, including every legal periodical of general interest published in the English language, a number representing fields closely related to the law, and a selection of foreign legal periodicals. Many lawyers, having unusual or difficult problems, have made use of the Library and have expressed their appreciation of the facilities offered them.

Though the Duke Law Library holds a distinctive position in the South, it is still surpassed in number of volumes by the libraries of Harvard, Yale, Columbia, Michigan, Northwestern, Pennsylvania, Minnesota, University of Washington, Cornell, Chicago, Iowa, and California. Because such a substantial proportion of the regular appropriation for books is required for the purchase of contemporary publications, progress in building up such a collection as a research library should possess is comparatively slow. However, a reasonably good working collection is now

available and research along a number of lines can be carried on quite effectively. To meet the more specialized present and future needs of the Law School and the University in general the Library must make substantial additional acquisitions.

A directory of the alumni of the Law School has been published and distributed to all persons listed. This has given the School, for the first time, a list as complete and accurate as possible, of all who have attended the Law School under its present name or as a part of Trinity College.

The most pressing need of the Law School at the present time is adequate dormitory space for law students. The need is becoming more and more acute with the increase in undergraduate enrollment. It is hoped that this condition may be alleviated in the near future.

H. CLAUDE HORACK, *Dean
of the School of Law.*

THE SCHOOL OF MEDICINE

To the President of the University:

During the past year, the School of Medicine and the Hospital have continued their growth, as shown in the attached table, and have, we believe, consolidated their previous gains. The teaching in the preclinical and clinical departments, and the care of patients seem to be on a sound basis. However, in order to maintain the present standards as well as to make further progress, less emphasis is now being placed on growth, and more is and should be placed on research, for which additional support is badly needed.

On June 8, 1936, thirty-nine physicians were graduated, and on October 5, 1936, seventy first-year students were admitted. The latter were selected from six hundred and thirty-nine completed applications. The interest of prospective students is indicated by the fact that the supply of four thousand *Bulletins* (five hundred more than last year) was exhausted within ten months.

The present enrollment of two hundred and forty-three students represents one hundred and twenty colleges and universities. Twenty-two per cent of the medical students were born in North Carolina, 3 per cent in South Carolina, 2 per cent in Virginia, and the remaining 73 per cent in thirty-six other states and five foreign countries. The one hundred and fifty-three graduates of the School are interning or practicing in twenty-five states.

During the past year one of our most promising students, Gunther Blombach of New Hampshire, died of a brain tumor. The Faculty and students expressed their sorrow in a memorial service for him on October 15, 1936.

On April 9 to 11, 1936, the annual meeting of the American Association of Anatomists was held at Duke University, and attended by three hundred and twenty-five teachers of anatomy and biology in the colleges and universities of the United States and Canada. Dr. F. H. Swett, Professor of Anatomy, Duke University School of Medicine, was in charge of the local arrangements.

On October 15 to 17, 1936, the third Post-Graduate Symposium was held. The subjects were diseases of the heart, circulation, and kidney. Even greater enthusiasm was expressed by the large number of physicians from this and adjoining states, who attended this year. For their assistance in making this conference a success the thanks of all of us are due to: Drs. Claude Beck (Western Reserve), H. L. Blumgart (Harvard), W. F. Braasch (Mayo Clinic), Louis Hamman (Johns Hopkins), W. T. Longcope (Johns Hopkins), W. deB. MacNider (North Carolina), William Porter (Medical College of Virginia), M. R. Reid (Cincinnati), Stewart Roberts (Emory), Soma Weiss (Harvard), J. C. White (Har-

vard), C. J. Wiggers (Western Reserve), F. N. Wilson (Michigan), C. C. Wolferth (Pennsylvania), J. Edwin Wood (Virginia), Hugh H. Young (Johns Hopkins), Dr. E. S. Orgain, Mrs. F. H. Swett, and many others.

In addition to the above Post-Graduate Symposium, the following visiting lecturers have addressed the Staff and students during the past year: Drs. Edward R. Baldwin (Trudeau Foundation), Alfred Blalock (Vanderbilt), Sanders L. Christian (U. S. P. H. S.), William J. Dieckmann (Chicago), George W. McCoy (U. S. P. H. S.), A. Graeme Mitchell (Cincinnati), William P. Murphy (Harvard), Emil Novak (Johns Hopkins), and C. F. Strosnider (Pres., N. C. Medical Society).

Through the co-operation of the medical schools of the University of North Carolina, Wake Forest College, Duke University, and the State Tuberculosis Sanatorium, a very successful Post-Graduate Course in Pulmonary Diseases was held at the Lincoln Hospital on October 15 and 16, 1936. Drs. David T. Smith and Charles S. Mangum were in charge of the program.

Through the co-operation of the University of North Carolina and Duke Hospital, with anonymous financial assistance, a joint training school for medical social workers is being established. This will be of increasing value in North and South Carolina in supplying competent social service workers who understand the needs of these two states.

Dr. Wiley D. Forbus, Professor of Pathology, recently has been elected a member of the National Board of Medical Examiners, succeeding Dr. Howard K. Karsner, and will serve as Chairman of the Pathology Division.

Through the generosity of the Duke Endowment, to the Trustees of which all of us are very grateful, much needed and valuable hospital equipment has been obtained. The new nurses' call system by which the patient may communicate verbally with the nurses desk, has greatly increased the efficiency of the nursing service and the contentment of the patients, as well as saved innumerable steps by the Hospital personnel. Its value was immediately appreciated by everyone concerned. The installation of a two-program radio system throughout the Hospital has contributed much toward the patients' comfort and pleasure.

Through the generosity of Dr. F. M. Hanes and of the Duke Endowment, the Hospital Library has been air-conditioned. As a result, its use quickly increased, demonstrating, as did the building of the attractive reading-room, that adding to the comfort of the Library augments the interest of the Staff and students in reading.

The thanks of the Medical Faculty for other greatly appreciated gifts and assistance are hereby expressed to: Mrs. J. W. Hanes, Mr. A. P. Harris, the family of the late Mr. Bowman Gray, Dr. Walter Kempner, The Rockefeller Foundation, the University Research Council, The Lederle Laboratories, Eli Lilly and Company, Parke Davis and Company,

the Charity League of Durham, the Councilors of Durham City, and the Commissioners of Durham and of seventy other counties.

In spite of the increased cost of food and other hospital supplies, the gross daily per patient cost fell from \$5.54 to \$5.40. Through the excellent administration by the Hospital Staff of the cash-in-advance principle, the collections from patients for hospital care have increased 24 per cent. The growth in the amount of service performed by the Hospital (total number of days of hospital care) was 13 per cent. The percentage of the Hospital costs paid by the patients has increased. However, it must be remembered that the total spent by the Hospital for charity work also has increased because of the larger number of patients treated. Although 90 per cent of the patients pay less than cost, the revenue from patients, their friends, the counties, and the Duke Endowment provides over half of the expenses of the Hospital. By having every patient contribute in accordance with his means, the balance, which Duke Hospital gives in charity (or less than cost service), has been spread over a larger number of people. Last year, instead of giving complete and pauperizing charity care to four thousand patients, the Hospital has been able to assist ten thousand individuals to obtain medical care for which they could not pay the full cost.

The Student Health Service, for which the students pay \$10 per year, costs \$18 annually per student, and the fees should be increased to cover this expense.

The research carried on by the Faculty and students is very creditable. Forty-nine articles by fifty-three authors have been completed during the past year. These are listed in the report of the Chairman of the University Council on Research, in this bulletin. However, as stated above, all of us hope that these contributions can be increased, as the "cultivation of a spirit of research in all its departments is an accurate index of any medical school's scientific advancement." The Staff and students have numerous problems for investigation which need additional financial support.

The University has outgrown the present dormitory accommodations, and this problem is particularly acute for the medical students. Forty-seven per cent of our students are unable to live on the campus and are more handicapped than academic and graduate students, because medical students, due to their long hours and night work, especially during their clinical years, should live near the School.

The number of nurses, dietitians, anesthetists, physiotherapists, and women internes exceeds the beds in the Nurses Home. Through the co-operation of the University and the Duke Endowment, two houses near the Hospital have been reconstructed to provide additional accommodations, but more are needed during the coming year.

An additional building between the Hospital and Nurses Home is badly needed for a private diagnostic clinic, examining rooms for private patients, semi-private rooms, a medical student dormitory, quarters for

internes, and classrooms and a dining-room for nurses. The present accommodations are overcrowded. It is estimated that the income from this building would, in addition to covering the cost of heat and upkeep, yield an income of 3 per cent on the investment. The present space which would be freed by this change would provide badly needed laboratories.

Tennis courts for the internes, and students of medicine and nursing, and more parking space for the patients and their relatives also are needed near the Hospital, as shown on the plan submitted in 1934. The road in front of the Hospital should be re-routed behind the Power House to decrease the traffic and noise, which are increasingly troublesome to the patients.

Among other great needs are increased development for nursing education, social service, psychiatry, neuro-surgery, neuro-physiology, neuro-anatomy, preventive medicine, and public health. The minimal requirements in these fields are being met at present, but expansion is necessary and urgent.

As stated in previous reports, all of us feel that the progress which has been made by the School of Medicine and the Hospital since their opening in 1930, can be maintained only by doing more and better work, and we are making every effort toward that goal.

WILBURT C. DAVISON, *Dean
of the School of Medicine.*

GROWTH OF SCHOOL OF MEDICINE AND HOSPITAL

	1934	1935	1936
Medical students.....	210	220	243
Percentage of medical students in dormitories.....	64%	60%	53%
Pupil nurses.....	70	68	71
Internes and residents.....	49	57	64
Graduate nurses.....	83	107	110
Average daily patient census.....	236	279	308
Maximum daily patient census.....	278	339	355
Total days of hospital care.....	86,111	100,969 (17% increase)	112,500 (13% increase)
Total consultations in Public Dispensary..	40,949	45,681	48,500
Total collections from bed patients.....	\$ 167,673.00	\$ 193,027.00 (15% increase)	\$ 240,000.00 (24% increase)
Total contributions from the Duke Endowment and counties.....	\$ 82,147.00	\$ 108,598.00	\$ 109,500.00
Average daily per capita collection from all sources.....	\$ 2.91	\$ 2.99	\$ 3.11

THE DUKE FOREST

To the President of the University:

Herewith I submit the report for the Duke Forest for the year 1935-36, in which brief statements are made concerning the progress of our developments in forestry. In the preparation of this report I have received the very helpful co-operation of Professor William Maughan, Assistant Director of the Forest, and Professor T. S. Coile, for which I am grateful.

EMERGENCY CONSERVATION WORK

One of the new developments in the Federal Government's far-reaching program of emergency conservation work has been the organization of the Soil Conservation Service. Originally conceived as an organization to enlighten farmers and to assist them in controlling soil erosion that was washing the fertile topsoil from their fields, this agency was set up as the Soil Erosion Service in the U. S. Department of Interior. Later, because of its intimate relations to agriculture, it was transferred by Presidential Proclamation to the Department of Agriculture.

The policy of this bureau is to select several demonstration areas in each state and, within the limits of each project area, carry out the full program of work on the farms of as many landowners as are willing to co-operate. Co-operation meant that the owner signed an agreement to supply certain materials and maintain the work for a period of at least five years. In return the Soil Conservation Service planned, supervised, and executed the work and at first supplied many of the necessary materials. Later this policy was amended so that now landowners must provide practically all materials. Labor for carrying out the work is supplied from the Civilian Conservation Corps from camps under direct supervision of the S. C. S. and from relief-roll laborers under the Works Progress Administration.

During the summer of 1935, Durham County interests were successful in obtaining a local unit when a project area in this and parts of Orange and Chatham counties was authorized by the S. C. S. A new C. C. C. unit was sent to Durham to provide labor for the undertaking and was located on the site of the previous camp. The Forest Staff soon began negotiations with this agency, and, as a result of co-operative agreements, considerable work of a constructive nature has been accomplished in the Forest during the year.

On one area that will probably remain in agricultural crops for some time, a system of terraces and terrace outlets was constructed that will help check the serious erosion that was taking place. A cropping plan was worked out for this farm by the S. C. S. agronomists that will also assist in conserving water and preventing erosion through a system of alternate strip crops and crop rotation. This plan is to be followed by the

tenant who is to maintain the terraces and terrace outlets. All labor, planning, most of the supervision, and many materials, such as seed for strip crops, fertilizer, and cement for terrace outlets, were supplied by the S. C. S. on this project. The Forest paid for the use of a tractor, grader, and operators at a fixed rate per hour on the terracing work and supplied some fertilizer, sand, and other materials.

An interesting gully control project was carried out on the severely eroded and gullied area adjacent to the Pinecrest Road development. This area of about 15 acres was at one time a cultivated field, but after abandonment for agricultural purposes it gradually seeded in to a scattered, open stand of shortleaf pine that has grown very poorly due to low fertility of whatever soil remained. In the meantime severe erosion had set in causing the formation of several large gullies, 15 to 30 feet deep. These gullies were still active and needed immediate attention to prevent further enlargement which would render the area worthless. Control work would also check any nearer approach of the gullies to the residential area. The S. C. S. spent considerable time on this project building check dams in the gullies, sloping the gully sides, planting several hundred pounds of grass mixtures and over 30,000 black locust trees, and mulching the bare areas with straw and brush so that the seed would have an opportunity to germinate before it was washed away. A terra-cotta drain was also installed to carry run-off water from Pinecrest Road that had previously been contributing to erosion. In this case all the labor, grass seed, and trees for planting were supplied by the S. C. S., while the University supplied the pipe and cement for the drain, and the Forest contributed the mulching material and iron wire to hold it in place.

Another worth-while co-operative project was an experimental clear cutting established primarily to study silvicultural methods of regenerating overmature, decadent hardwood, and mixed pine-hardwood stands. On this project, briefly described in this report under "Silvicultural Operations," the S. C. S. supplied the labor and part of the supervision and received one-half of the wood for fuel at the local C. C. camp. The Forest Staff planned and helped supervise the operation.

From a forestry standpoint, the most important of the co-operative undertakings with the S. C. S. was a large forest-planting program. By retiring several areas of submarginal farm land from cultivation and planting them to forest trees which will control soil erosion and eventually produce forest crops, it was possible to qualify for governmental aid in this type of work under S. C. S. policies. On these areas, which totaled over 117 acres, the S. C. S. supplied all the labor for planting, approximately one-half of the tree seedlings needed, and most of the supervision. The Forest Staff made plans for the plantings, assisted in supervising the work, and supplied the rest of the seedlings. On several small, severely eroded areas which needed additional work to control erosion, the Forest provided material for mulching, and the S. C. S. supplied seed for seeding.

The Forest Staff is fortunate in being able to obtain this co-operative assistance, particularly at this time when the program of developing the Forest is just getting well under way. Plans are now being made to continue this co-operation during the coming year.

NATIONAL YOUTH ADMINISTRATION

Continuation of the Federal Government's program of providing funds for the employment of college students under the National Youth Administration, again enabled the Forest Staff to carry on many projects of an investigative and research character that might not otherwise have been possible.

Since the major part of the preliminary organization work on the Forest records was completed last year, it was possible this year to spend relatively more time on outside projects. Of a total of 7,345 man-hours devoted to forestry work by the N. Y. A., 4,248 were spent on work in the Forest. The principal projects undertaken in order of time devoted to each were: pruning of young timber stands on a little over 36 acres to extend the study of pruning as a silvicultural operation; taking of periodic remeasurements on and repainting of permanent sample plots previously established; establishment and measurement of several new permanent sample plots to study contrasting methods of thinning, natural reproduction following clear cuttings, and growth following partial cuttings; continuing work on the studies of red gum and competition in forest stands; beginning a new study on volume of red cedar; planting of tree seedlings; continuation of several investigations in forest soils; and several other studies of a minor nature.

In the office 3,097 man-hours were devoted principally to: drafting of maps and charts for research projects; calculating and tabulating data collected on research projects; typing; research in the forest soils laboratory; and compiling permanent sample plot records.

It should be emphasized here that this large amount of student help has materially contributed to furthering the early development of the Duke Forest as a demonstration area and has made it possible to inaugurate several research projects ahead of schedule. It is hoped that this governmental assistance will continue, or else a fund providing for a conservative amount of student employment be established here at the University.

FORESTERS MEET AT DUKE

On May 1 and 2, 1936, the Appalachian Section of the Society of American Foresters held its fifteenth annual meeting at Duke University, which was attended by 140 people, mostly members of the Section. The Society of American Foresters is the principal organization of professional foresters in this country and has a membership of over four thousand in the United States, its possessions, and Canada. The Appalachian Section includes the states of North Carolina and South Carolina and most of Tennessee.

The meeting was divided into four sessions, at the first of which members of the Forest Staff explained in detail the aims and objectives of educational work in forestry here at Duke; the management and operation of the Duke Forest; and the nature of current soil investigations in the Forest. Two of the sessions were spent in field excursions inspecting many of the operations under way. An afternoon field trip was made to various experimental cuttings and permanent sample plots, and an inspection trip of the numerous plantations already established was made the next morning. Friday evening the annual business meeting of the Section was held following a dinner given for members of the Section by the University.

This meeting served as an opportunity for many foresters of this region to visit the Duke Forest for the first time and to see the progress that has already been made toward developing a demonstration and research forest and to learn of the aims and plans of Duke University for developing here a center of forestry education.

FOREST OPERATIONS

Many activities of an administrative nature are carried on in the Duke Forest each year. Although the elements of demonstration and research are intimately associated with the conduct of some of these undertakings in the Forest, particularly forest planting and silvicultural operations, they are the type of activities that occur on any normally well-managed forest property and logically fall in the category of operations in the management of a forest on a practical and economic basis.

FIRE PROTECTION

For the first time since intensive fire protection activities were undertaken in the Duke Forest, no fires occurred during the autumn fire season of 1935. As a result there was a smaller number of fires during the year 1935-36 than in any previous year. All fires occurred during the months of April, May, and June, 1936.

Five of the seven fires were in the Durham Division, but they burned over a total of only 2.65 acres or approximately one-half acre per fire, indicating that the effectiveness of fire control work continues to measure up to the standard set during the last two years since the Chapel Tower was made available as a lookout tower.

All of the Durham and New Hope Creek Divisions of the Forest can readily be seen from the Chapel Tower, and as a result the twenty-five fires that have occurred on these two divisions since the Chapel Tower came into use have been held to 27 acres or an average of only 1.1 acres per fire. This is considered as very effective control, especially since the north end of the Durham Division and the entire New Hope Creek Division are from 4 to 7 miles from the Forest Office, and considerable time is consumed in reaching a fire after it is detected and reported.

The value of the Chapel Tower as a lookout for fire detection is emphasized by the fact that in the Hillsboro Division, which cannot be

seen from the Tower, reliance must be placed upon one tenant or neighbors to notify the Forest Office when a fire is detected. Because of the long time necessary for them to communicate notice of fires and the long travel time, a relatively low standard of fire control obtains in this Division. Several fires have occurred in this Division, most of them burning over rather large areas before being brought under control. This past year was no exception, and the largest fire, since the Forest was organized, occurred there on April 28. This fire burned over 31.4 acres and brought the total area burned in the seven fires to 35 acres, the largest area burned during any one season.

It is hoped that in the near future Orange County officials may be persuaded to co-operate with the Forestry Division of the State Department of Conservation and Development and the Federal Government in fire protection work. This would lead to the erection of a lookout tower in Orange County that would probably cover the Hillsboro Division, and with good telephone connections the Forest Staff could learn of fires much sooner, thereby materially increasing the effectiveness of fire control work in this Division.

Two of the seven fires occurring in the Forest this year were caused by sparks from a railway locomotive, four are believed to have been caused by careless smokers, and, although the cause of the other is unknown, it was undoubtedly caused by some careless pedestrian throwing down a lighted match or cigarette.

FOREST PLANTING

Considerable stimulus was given to the planting program in the Forest during the winter of 1935-36 due to the assistance obtained from the Federal Government through the Soil Conservation Service and the National Youth Administration. As already indicated, the S.C.S. aided materially in this year's planting program. In addition to the S.C.S. planting, a few small experimental plantations were made with the help of student labor provided through funds supplied by the National Youth Administration. The stock for these plantings, which totaled about 3 acres, and supervision of the work was supplied by the Forest organization. Failed spots in 11.2 acres of old plantations were also filled in with N.Y.A. help.

On all the planting projects, a total of 119.9 acres of new plantations was established to raise the total area planted in the Forest to date to 504.4 acres. Approximately 144,000 trees of 7 different species were used in this year's plantings. As usual, loblolly pine was the principal species planted, as it is apparently most successful on eroded, abandoned fields that constitute the majority of the sites available for planting. Other species used were shortleaf pine, longleaf pine, a hybrid pine (a cross between loblolly and longleaf pines), black locust, yellow poplar, and a small amount of swamp chestnut oak. All of the stock, with the exception of part of that supplied by the S.C.S., was purchased from the nursery

maintained by the North Carolina State Department of Conservation and Development near Clayton, N. C. With the completion of this year's planting a total of over 524,000 trees of 21 different species have been planted in the Forest during the 6 planting seasons since the work was started. Several thousand of these have been used to fill in failed spots in old plantings or to replant areas on which very poor survivals were obtained, but the net increase in new forest growth as a result of planting can be roughly estimated at a half million trees.

This year, for the first time, plantings were made in the Hillsboro Division, where over 43 acres of abandoned fields in the old Parker tract along the west side of Eno River were planted to shortleaf pine and loblolly pine. One small field in the bottom along the river was planted to yellow poplar. A fire in the spring following planting burned over one 4-acre field destroying the young trees, and it will be necessary to replant this area next year. When this is done all the planting necessary on this half of the Hillsboro Division, with the exception of possible refilling, will be completed.

SILVICULTURAL OPERATIONS

Silvicultural cuttings of the type described in last year's report have again been carried out on a more or less extensive scale. Pine stands on 117 acres were thinned during the year to raise the total area so treated to 349 acres. The principal product obtained from this operation is cordwood, but since there is a ready market for it and the residual timber stands are left in a much improved condition as to composition and growing space, such work is highly desirable. Pruning of young timber stands to produce better grade timber was done on 46 acres, making a total of 138 acres pruned to date. This year young hardwood stands were pruned for the first time, and the effect of this work will be carefully watched, as the practice of pruning hardwoods is still in the experimental stage. No selection nor liberation cuttings were made this year, but a seed tree cutting and two experimental clear cuttings were carried out, the first time that these methods of obtaining regeneration have been attempted in the Forest.

One of these experiments, known technically as a strip clear cutting, was placed in a stand of large-sized pine. This stand is almost mature and from a financial viewpoint is ready for the market as the annual net growth has fallen below the point where it is earning a fair interest rate on the forest capital. Good management practice dictated the harvesting of this stand, but the silvicultural problem was how to obtain a new stand of young pine on the area following cutting without incurring the expense of planting. A strip 132 feet wide was cut through the stand at right angles to the direction of the prevailing wind, and it is expected that enough seed will blow into the cleared area from the remaining stand to produce a satisfactory stand of young trees. Enough of the stand remains to permit the cutting of 4 or 5 similar strips on the windward side of the area cut this year, and these will be cut one at time during

good seed years, which generally occur at 3- to 5-year intervals. Thus the operation will be a progressive one, extending over several years, and, if successful, should be followed by a series of young pine stands a few years apart in age. A considerable block of this stand was left uncut along the adjacent road which leads to the picnic site and will be left indefinitely in its natural state for aesthetic and research purposes and as an example of the natural development of oldfield pine stands.

The other experimental clear cutting was made in an overmature hardwood stand and the seed tree cutting in a mixed pine-hardwood stand that was also overmature and decadent and in need of replacement. Both operations were carried out under a co-operative wood procurement arrangement with the Soil Conservation Service. An area of approximately 5 acres was cut clear, and on 2 more acres everything was cut except several large sound shortleaf pine trees which were left as seed trees. It is expected that the cleared areas will be reforested by sprouts and from any seed that may have been in the litter, and it is hoped that a considerable number of young pines will appear in the new stand, particularly in the seed tree area, from seed shed by the pines left standing. One-half acre in the cleared area was planted to loblolly pine, and on another part a large number of small red cedar trees that were present as an understory in the original stand were left to determine whether they will grow at an increased rate.

MARKETING OF FOREST PRODUCTS

During the past two or three years considerable progress has been made in expanding markets for products from the Forest. The development of sustained markets is one of the most important phases in the organization of an operating forest, but, as a rule, such development is a slow, gradual process. It is realized that only a beginning has been made in this field, and while many possible markets have yet to be investigated, particularly those for specialty products, the accomplishments already made in this direction are indicative of future possibilities.

From a small beginning in 1932, when only a few cords were marketed, the production and sale of cordwood for fuel has steadily increased until now nearly a thousand cords are moved each year. This is a particularly important market to sustain and expand since the material used as cordwood all comes from tops left after logging or from thinnings and improvement cuttings which are designed to remove undesirable competing trees, inferior species, and dead, dying, or diseased individuals, thus leaving the Forest in much better condition as to composition and growing space.

The demand for pine and oak saw timber fluctuates with general business conditions and has been low since the Forest was organized in 1931. With a steady improvement in economic conditions, however, it can be expected to increase to the point where whatever timber is mature and can be spared from the Forest, consistent with a conservative sustained

yield cutting policy, can be readily marketed locally. Several sales of 50,000 to 100,000 board feet have already been made, and small sales of 1,000 to 5,000 board feet occur frequently.

The first sale of products from the Forest for use by the furniture industry was made late in 1935, when eleven carloads of yellow poplar bolts were shipped to Mount Airy, N. C., for veneering purposes. This material came from scattered mature or overmature individuals that were ready for cutting. Whenever more material of this type is mature, little trouble will be encountered in disposing of it.

A fair local market exists for red cedar fence posts, and several hundred of these have been sold. Recently the market for cedar logs to be cut into small boards for chests and closet linings has been active, and a few loads were sold at good prices. Although seasonal, this market will absorb whatever stocks have been accumulated when it is active. The sale of small cedars, cut from abandoned fields which have been or are to be planted, for use as Christmas trees has gradually increased. No material expansion in this market can be expected, however, until large numbers of trees are available each year from cedar plantations established specifically for this purpose.

IMPROVEMENT OF FOREST HOUSES

When the Duke Forest was organized it contained a large number of houses, most of which were on what formerly were small farms, and practically all of which were in a badly run-down condition. The houses that are to be kept permanently are being repaired and put into first-class condition as rapidly as funds permit. These houses are occupied by Forest and University employees, and it is highly desirable that they be made livable and satisfactory.

Although such a program is costly and Forest funds are slow to accumulate, it was possible this year completely to renovate two houses and make partial improvements such as providing water-tight roofs and badly needed paint on three or four more in addition to minor current repairs elsewhere. Quite a number of houses are yet to be improved, but following the adopted policy they will be repaired in turn whenever possible.

PUBLIC USE OF THE FOREST

The popularity of the Forest as a place for public recreation is still increasing. Requests for permission to use the picnic sites became so numerous that in the late summer of 1935 a new picnic ground was developed partially to accommodate the demand. This area is located back of Gate 12 along State Highway 751 and, in addition to a grass-covered clearing, has two fireplaces and two tables in an adjoining grove. A plentiful supply of pure water is available from a spring that has been walled up and ditched to correct the drainage and carry away surface water. This site is well adapted for use by large groups and is becoming very popular. During the year over 5,400 people used the five picnic

sites that are now available. Riding on the roads and trails in the Forest also continues to be popular, and over 4,600 people took advantage of this form of recreation during the past year.

FOREST RESEARCH

The Forestry Staff has devoted to research all time not needed for regular administrative and educational work. Results are being obtained which will have a significant bearing on the development of the Duke Forest and upon forestry in the Piedmont region.

The inauguration of course work in forest soils was accompanied by beginning an intensive program of research on the soils of the Forest by Professor Coile. Equipment of a forest soils laboratory in the basement of the Biology Building has made possible an excellent start in intensive analytical examination of forest soils.

A study of soil changes associated with the succession of loblolly pine on abandoned fields was started, and substantial progress has been made in both field and laboratory during the year. Under normal forest succession in this region, fields left uncultivated are eventually taken over by pines which occupy the areas as pure stands until they are twenty to thirty years old, after which time a characteristic understory of hardwoods makes its appearance. When the pine matures its place is taken by oaks and hickories which become established under pine. The objective of the study on soil changes is to measure differences in physical and chemical soil properties that accompany changes in forest cover, and interpret those differences in the light of possible causal relations with changes in the forest cover. We do not know why the pine comes in first on abandoned fields and why it is followed by a succession of hardwoods ending with the oak-hickory climax forest, without reproducing itself to any appreciable extent. When we know what changes occur in the soil we will be in better position to regulate silvicultural practice so as to conserve and increase soil fertility and reproduce desirable trees.

An intensive study of the chemical composition of mature undecomposed forest litter was begun during the year. Leaves and other organic debris which are periodically added to the surface of forest soils are analogous in effect to the application of fertilizers or the plowing-under of cover crops in ordinary agricultural practice. The physical and chemical nature of forest organic debris, its quantity, and the environment in which it is decomposed, determines the nature of the decomposition products and their influence on soil fertility. Although very little work has been done in this country on the nature of forest soil organic matter and the relation between humus types and forest soil fertility, European researches indicate that these problems are among the most pertinent in the field of forest soils and forestry in general. Large and significant differences in the amounts of nitrogen and calcium in the mature litter of different species of trees have been found. A preliminary report on this study was made before the North Carolina Academy of Science by Professor Coile in April.

In connection with other soil studies, pits have been dug in areas having many of the different soil and forest conditions found in the Forest, and the location and size of all tree roots mapped on one face of the pits. In this manner a large quantity of data on the vertical location of forest tree roots in the soil is being accumulated.

In 1933 a study was started by Professor Coile on the relation between certain physical properties of the soil and height growth of shortleaf pine. This study was completed and the results published in 1935. High correlation was found between depth of surface soil and texture of subsoil and the height growth of shortleaf pine. These soil properties are inherent and can be changed but little. However, ability to recognize them provides a fundamental basis for the evaluation of forest land by different productivity classes. The wide differences that exist between various soil conditions and forest conditions in the Forest make it an excellent place to study forest and soil interrelations, the results of which will be of value, not only in the development of the Forest, but also in forest management throughout the Piedmont.

Field work was continued during the summer of 1936 on the study of soil and leaf moisture relationships previously described. Likewise, field work was continued on the study of the effect of competition for soil moisture and nutrients on the establishment and growth of reproduction. Data collected in these two studies will be analyzed at an early date and a report prepared for publication. A progress report on the latter study was presented before the North Carolina Academy of Science by the Director at its annual meeting in April.

Professor Maughan is conducting a study on eastern red cedar in the Duke Forest which will result in making available reliable volume tables for this species. Eastern red cedar is one of the more valuable commercial tree species occurring in the Duke Forest and throughout the Piedmont Plateau; yet no accurate measure of the total usable content of trees of different sizes has heretofore been worked out. In the Duke Forest the lack of accurate volume tables has been a handicap, not only in marketing cedar, but also in computing volumes of trees for research purposes. The completed tables will be applicable to a wide area in this region as well as to the Duke Forest.

During the past year the first table, giving volumes in cubic feet, was completed and has been accepted for publication. It is planned during the coming year to supplement the basic data on hand with additional field measurements and construct tables showing board foot volumes when trees are cut into 8-foot logs and when they are utilized to a 4-inch top.

Recent increases in forest planting have stimulated investigations on seed production and germination of species which previously have been little used. Little had been known about these properties of red gum; a tree whose wood has many uses, and which grows in a wide range of site conditions. During the past four years the Duke Forest Staff has investigated the factors influencing production and germination capacity

of red gum seeds. Work on this project during the last two years has been carried by C. M. Henninger, Forest Assistant. Gratifying results have been obtained on the periodicity of seed years, and good correlation has been found between amount of seed produced and age of trees, diameter of trees, diameter growth, average height growth and crown volume. Likewise, good correlation was found between number of seeds per pound and size of fruit, volume of fruit produced, germination percentage, viability percentage, diameter growth, height growth, age of tree, and crown volume. Correlation was also found between germination percentage and age of tree, number of seeds produced, diameter and diameter growth of trees, and crown volume. Results of the work on red gum will enable foresters to select the better seed trees from which to collect seed for nursery planting.

Work on the effect of removing the organic debris from the surface of the soil by raking and by burning is being continued by the members of the Forestry, Botany, and Zoology Staffs co-operating in the study.

Increased use is being made of the Forest as a field laboratory for research by Staff members and students of other units of the University. Dr. F. A. Wolf has two studies in progress, one on a leaf blight disease of sycamore; and the other is concerned with the collection and identification of fungi in the Forest. The purpose of the latter study is to learn what are the forest disease problems, and to determine which are the most important and hence most deserving of study. This study has been in progress for nearly five years. Specific studies have been made of diseases of red mulberry, red cedar, and honey locust by Dr. Wolf and a graduate student.

Studies of the plant communities of the Forest are being continued by Dr. H. L. Blomquist. Dr. H. J. Oosting is continuing a study of plant succession in the Forest. He has already accumulated considerable data on succession in bottomlands and contemplates obtaining more information on the place of loblolly pine in succession and on the oak-hickory climax forest.

Dr. Paul J. Kramer investigated the effect of length of day on growth and dormancy of trees. The behavior of potted seedlings of white and green ash, beech, yellow locust, yellow poplar, red gum, post oak, northern red oak, white oak, and loblolly pine were studied under various lengths of day. The results of the experiments indicate that variation in length of day may, to a considerable extent, control the duration of the growing season of certain tree species. The results also strongly support the view that dormancy is not caused by any inherent rhythm in plants, but is produced by the action of various environmental factors on the complex of internal physico-chemical phenomena controlling growth. Results of this work have been published. The work is being continued, using some of the species already investigated and the following in addition: chestnut oak, shortleaf pine, slash pine, red pine, red maple, and southern red oak.

A study has recently been made of the ecology of *Passalus cornutus*, a beetle which lives in rotting logs, by Dr. A. S. Pearse and three graduate students. The beetle was found to be colonial, a pair of adults living with a brood of their offspring. The food of *Passalus* consists of rotten wood with its contained organisms, and oak is preferred to wood of other species. At least 16 species of animals are found on or in the body of *Passalus*, including a gregarine, 2 nematodes, 12 mites, and a fly. Two of the mites and all the other types of animals are parasites, while some of the mites are merely attached to *Passalus* in order to obtain transportation, protection, and warmth; the relations of others are uncertain. The average number of parasites and commensals found on and within a single *Passalus* at any time of the year is about 561. A report on this study will be published soon.

One Ph.D. candidate working in botany and forestry completed a study of environmental factors influencing root and shoot growth in loblolly pine and shortleaf pine. The data indicate that the greatest amount of shoot or height growth occurs over a period of approximately nine weeks in the spring from about April 15 and that from two to four whorls of branches are produced each growing season on the terminal shoot. Root growth continued throughout the year in the trees studied except for a period of about forty days in January and February. The results of this research are being prepared for publication.

EDUCATIONAL PROGRAM

The program of graduate work in forestry announced in last year's report has gone forward as contemplated. In addition to the graduate students who are doing major work in forestry, a number of botany majors are taking minors in forestry.

A significant advance was made in our forestry program through obtaining Dr. Ellwood S. Harrar, as Associate Professor of Forestry, to develop work in wood anatomy and properties and in dendrology. Professor Harrar was trained in his special field at the New York State College of Forestry and came to us from the College of Forestry, University of Washington, where he was Assistant Professor of Forest Products. Professor Harrar will also have charge of developing the Arboretum.

ARBORETUM

Several new species were added to the Arboretum last spring. The collection of tree seed has been continued and seed exchanges with other institutions have been made in a number of instances. The nursery contains a quantity of young stock which will be ready for transplanting early next spring.

PUBLICATIONS

Several articles of a technical nature, based upon research done in the Duke Forest or with material from the Forest, were written during the year by Staff members, members of allied departments, or graduate stu-

dents. Papers by Faculty members published during the year may be found in the list of publications appended to the report of the Chairman of the University Council on Research, in this bulletin.

VISITORS

The interest of professional foresters, timberland owners, and educators in the Duke Forest continues to increase. Well over one hundred professional foresters from ten states and one foreign country visited Duke Forest during the year. On a trip south to study forest conditions, Professor E. F. McCarthy and twelve Seniors from the New York State College of Forestry spent two days with the Duke Forest Staff and were conducted through the plantations and various experimental areas under observation. Another group of eight students from N. C. State College, under the leadership of Professor B. W. Wells, also spent a day in the Forest.

STAFF ACTIVITIES

In addition to their routine activities, members of the Forest Staff continue to take an active part in the work of outside professional and scientific organizations concerned directly or indirectly with forestry or allied sciences.

Professor Maughan continued to serve as Secretary of the Appalachian Section of the Society of American Foresters until May, 1936, when he was elected Chairman of this organization to succeed the Director, who was retiring Chairman.

Last summer Professor Maughan accepted an appointment as Conservationist with the Soil Conservation Service of the U. S. Department of Agriculture. His assignment was in Region 2, which includes the seven Southeastern states, Virginia to Mississippi, with regional headquarters at Spartanburg, S. C. Since most of the work of the Soil Conservation Service in Region 2 is located in areas on the Piedmont Plateau, he obtained additional firsthand knowledge of forest conditions and forestry problems in the Southeast which will be of benefit in his teaching.

Joseph R. Jester joined the Staff as Forest Assistant June 10, 1935, filling the position left vacant by the resignation of C. H. Willison.

The Director has been serving on Committees of the Society of American Foresters as follows: Committee on Accrediting Schools of Forestry, Committee on Forestry Degrees, Committee on Public Acquisition of Forest Lands, and as Chairman of the Committee on Co-operation with the American Association for the Advancement of Science. He is also the Society's representative on the Council of the A. A. A. S., Advisory Representative to the Division of Biology and Agriculture of the National Research Council, and a member of the Council's Committee on Publications in the Biological Sciences. At the last annual meeting of the North Carolina Academy of Science he was elected Vice-President.

C. F. KORSTIAN, *Director
of the Duke Forest.*

THE SUMMER SCHOOL

To the President of the University:

The Summer School of 1936 continued the steady growth shown by preceding sessions. For the first six weeks the Summer School used practically the entire plant of the University, with the exception of the buildings used by various institutes for the first two weeks. The Library circulation report showed an increase even greater than the increase in enrollment. It has been true now for a number of years that the use of the Library for the first six weeks of Summer School is greater than for any similar period of the entire year. In the summer of 1936 both the General Library and the Woman's College Library were in maximum use for the first six weeks. The Woman's College Library was closed the second half of the summer.

The Summer School of 1936 showed total enrollments of 2,910, made by 2,539 students (this latter figure being obtained by counting only once students who enrolled for more than one term of six weeks). There were, in addition to these 2,910 registrations, 145 students enrolled in the Schools of Medicine and Nursing, making a total of 3,055 registrations for the summer session, or 2,684 individual students. Table I gives comparative statistics of the Summer School enrollment for five-year periods beginning with 1919, with annual statistics for the past three years. It will be observed that the increase in 1936 was not quite so great as the increase for 1935 as compared with the preceding year. It will also be observed that the increase has centered primarily in the first term. The increase in the third term of 1936 was partially the result of transferring as much work as possible from the midsummer term to the last term. If the first term continues to grow as rapidly as it has been growing the last five years, the middle term will be squeezed out for lack of dormitory and library facilities within another two years.

TABLE I
GROWTH OF SUMMER SCHOOL ENROLLMENT, 1919-36

Year	Duke Campus				Affiliated Schools		Grand Total	Enrollment less Duplications
	I*	II	III	Total	Oriental	Junaluska		
1919.....	88			88			88	88
1924.....	473		247	720	155		875	748
1929.....	765		447	1,212		250	1,462	1,181
1934.....	1,050	281	528	1,859		128	1,987	1,682
1935.....	1,402	405	522	2,329		163	2,492	2,146
1936.....	1,737	360	620	2,717		193	2,910	2,539

*I, First Term; II, Midsummer Term; III, Last Term. These totals do not include the 121 students in 1934, the 100 in 1935, and the 145 in 1936, enrolled in Medicine and Nursing.

The number of public school teachers in attendance increased about 20 per cent as compared with the 1935 Summer School, and public school teachers continued to constitute more than 75 per cent of the total enrollment. There were a number of registrations by college teachers in the first and last terms of Summer School.

TABLE II
REGISTRATION OF PUBLIC SCHOOL TEACHERS IN SUMMER SCHOOL, 1919-36

Year	Duke Campus				Affiliated Schools		Grand Total Teachers Enrolled	Total Registrations excluding Medicine & Nursing
	I	II	III	Total	Oriental	Junaluska		
1919.....	65						65	88
1924.....	339		173	512	155		667	875
1929.....	466		243	709		151	860	1,462
1934.....	779	246	234	1,259		77	1,336	1,987
1935.....	1,022	358	373	1,753		120	1,873	2,492
1936.....	1,333	312	442	2,087		138	2,225	2,910

Table III compares the number of graduate students and undergraduates included in the Summer School enrollment. It will be observed that the graduate students constituted approximately 57 per cent of the total enrollment, and outnumbered the undergraduates each term except the midsummer term, where the numbers were the same. There were more graduate men each term than undergraduate.

TABLE III
NUMBER OF GRADUATES AND UNDERGRADUATES, MEN AND WOMEN
ENROLLED IN SUMMER SCHOOL, 1936

Department	Men			Women			Total			Total Registrations
	I*	II	III	I	II	III	I	II	III	
Graduates.....	409	70	199	583	110	170	992	180	369	1,541
Undergraduates.....	291	34	115	454	146	136	745	180	251	1,176
Total.....	700	104	314	1037	256	306	1737	360	620	2,717
Total 1934, for comparison....	444	69	262	606	212	266	1050	281	528	1,859
Total 1935, for comparison....	590	119	266	812	286	256	1402	405	522	2,329

*I, First Term; II, Midsummer Term; III, Last Term.

Table IV shows the distribution of undergraduate students among the nineteen departments offering work. Education leads the enrollment with 30 per cent of the total, followed by English with 15 per cent, and History, Political Science, Economics, and Sociology. The marked pre-dominance of the social studies in the Summer School as compared with

the enrollments in the humanities and natural science emphasizes the fact that even among the undergraduates there is a large number of teachers; but even among undergraduates not primarily interested in teaching it seems to be true that there is a decided interest in the social studies.

TABLE IV
DISTRIBUTION OF UNDERGRADUATE STUDENTS BY DEPARTMENTS, 1936

<i>Department</i>	<i>I</i>			<i>II</i>			<i>III</i>			<i>Grand Total</i>
	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	
Education.....	24.5	185.0	209.5	4.5	88.5	93.0	4.	44.5	48.5	351.
Botany.....	.5	3.0	3.5				1.	1.	2.	5.5
Chemistry.....	20.5	1.5	22.0	6.	2.	8.	9.	5.	14.	44.
Civil Engineering.....	32.5		32.5							32.5
Economics.....	43.5	15.0	58.5	2.	.5	2.5	11.5	10.5	22.	83.
English.....	26.0	74.5	100.5	2.	14.	16.	27.	33.	60.	176.5
Fine Arts.....		5.0	5.0							5.0
French.....	14.0	15.0	29.0		1.5	1.5	4.5	6.	10.5	41.
German.....	16.0	6.5	22.5	2.		2.	17.5	1.	18.5	43.0
Greek Literature.....	5.0		5.0	2.	2.	4.				9.
History.....	14.0	25.5	39.5	5.5	26.	31.5	14.5	13.5	28.	99.
Mathematics.....	10.5	2.0	12.5				1.		1.	13.5
Physics.....	14.0	3.5	17.5							17.5
Political Science.....	25.0	39.0	64.0				15.5	12.5	28.	92.
Psychology.....	8.0	4.0	12.0				1.	1.	2.	14.
Religion.....	10.5	13.0	23.5	6.	10.5	16.5	1.5	2.	3.5	43.5
Sociology.....	9.0	47.0	56.0				2.	3.	5.	61.
Spanish.....	12.5	11.0	23.5				4.	3.	7.	30.5
Zoology.....	5.0	3.5	8.5	3.	1.	4.				12.5
Total.....	291.	454.	745.	33.	146.	179.	114.	136.	250.	1174.

Table V shows the distribution of graduate students by departments. There were 300 more graduate enrollments in 1936 than in 1935; 153 of the increase were in Education. There was an increase of 52 in English, the second largest group, and 38 in History, which ranked third both summers. There was a decrease of 16 in Mathematics which ranked fourth each summer, a slight increase in Economics which ranked fifth, and a marked increase in French. Political Science, Sociology, and Botany also showed increases. The relative distribution of men and women in the various departments is interesting; for instance, the overwhelming predominance of women in English. The enrollments of graduate students in Chemistry, Fine Arts, and German consisted of students taking elementary courses in those fields.

Graduate students in 1936 were admitted from 278 colleges and universities in 32 states and the District of Columbia. The entire student body represented 324 colleges and junior colleges in 35 states, the Dis-

TABLE V
DISTRIBUTION OF GRADUATE STUDENTS BY DEPARTMENTS, 1936

<i>Department</i>	<i>I</i>			<i>II</i>			<i>III</i>			<i>Grand Total</i>
	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	
Education.....	241.5	249.5	491.0	36.	62.	98.	94.	50.	144.	733.
Botany.....	6.5	4.5	11.				7.	4.	11.	22.
Chemistry.....	7.	3.	10.				4.	2.	6.	16.
Economics.....	18.	10.	28.	5.		5.	11.	9.	20.	53.
English.....	31.5	147.5	179.	5.	20.	25.	12.	51.	63.	267.
Fine Arts.....	.5	1.	1.5							1.5
French.....	11.	25.	36.		.5	.5	2.	10.5	12.5	49.
German.....	3.	7.5	10.5		.5	.5	1.5	2.	3.5	14.5
History.....	38.5	65.5	104.	11.5	17.0	28.5	23.	19.	42.	174.5
Latin.....	.5	8.5	9.							9.
Mathematics.....	17.	10.	27.	10.5	7.5	18.	11.5	6.	17.5	62.5
Philosophy.....	1.		1.							1.
Physics.....	1.	2.	3.	1.		1.	1.		1.	5.
Political Science.....	8.5	7.	15.5				11.	6.	17.	32.5
Psychology.....	2.	8.	10.				8.	5.	13.	23.
Religion.....	3.5	4.5	8.		2.5	2.5	4.5	2.5	7.	17.5
Sociology.....	6.5	14.5	21.				4.5	.5	5.	26.
Spanish.....	4.5	11.5	16.				1.		1.	17.
Zoology.....	4.	4.5	8.5				3.	2.5	5.5	14.
<i>Total.....</i>	406.	584.	990.	69.	110.	179.	199.	170.	369.	1538.

trict of Columbia, and 4 foreign countries. The majority of the graduate students were candidates for the Master's degrees; but 81 registrations the first term, 23 the second, and 39 the third were by students already holding the Master's degrees, as shown in Table VI.

The graduate registrations of 1,538 represent the equivalent of a graduate school of approximately 300 students completing a full academic year of work when we consider that each student normally carried six semester-hours of work. The departments offering graduate work are continuing to emphasize the policy of keeping members of the regular Staff here during the summer in order to maintain consistency and continuity of work. Of 98 instructors offering work the first term of Summer School, 66 were members of the Duke University Staff, and 24 were members of preceding summer faculties. In the second term 18 members of the Duke University Staff, and 7 members of previous Summer School faculties returned, in the total of 27 members on the Faculty. Of 37 members the third term, there were 22 members of the regular Staff, and 10 others who had worked in previous Summer Schools of Duke University.

Table VII shows the distribution by classes of Duke students and alumni attending Summer School in 1936. This table counts as Seniors

TABLE VI

DISTRIBUTION OF STUDENTS ENROLLED IN DUKE UNIVERSITY SUMMER SCHOOL
HOLDING MASTER'S DEGREES, 1936

<i>Name of College Awarding Master's Degree</i>	<i>Men</i>				<i>Women</i>				<i>Grand Total</i>
	<i>I</i>	<i>II</i>	<i>III</i>	<i>Total</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>Total</i>	
Alabama Polytechnic Institute.....					1			1	1
Columbia University.....	3	2	1	6	6	1	3	10	16
Cornell University.....							1	1	1
Duke University.....	14	1	5	20	11	3	4	18	38
Emory University.....			1	1	2		1	3	4
Florida State College for Women.....					2			2	2
George Peabody College.....	1		1	2	4	1	1	6	8
George Washington University.....							1	1	1
Gettysburg College.....	1			1					1
Grove City College.....					1			1	1
Howard University.....		1		1					1
Missouri University.....					1			1	1
Ohio State College.....		1		1					1
Ohio University.....			1	1					1
Oklahoma A. & M.....					1			1	1
Northwestern University.....			1	1			1	1	2
Pennsylvania State College.....	1			1					1
Rutgers University.....		1		1					1
Southern Methodist University.....			1	1					1
Syracuse University.....					1			1	1
Tulane University.....						1		1	1
University of Alabama.....		1		1					1
University of Chicago.....			1	1	1		1	2	3
University of Florida.....	1			1	1			1	2
University of Georgia.....	3			3	2	1	1	4	7
University of Kentucky.....			1	1					1
University of Michigan.....	2			2		1		1	3
University of Mississippi.....	1		1	2			2	2	4
University of North Carolina.....	1	1		2					2
University of Omaha.....	1			1					1
University of Pittsburgh.....	3	1	1	5	1			1	6
University of Puerto Rico.....						1	1	2	2
University of South Carolina.....	1		1	2	4		1	5	7
University of Southern California.....			1	1					1
University of Tennessee.....	1		1	2	1			1	3
University of Virginia.....	1	1		2	1			1	3
Vanderbilt University.....	1		1	2	1			1	3
Washington and Lee University.....	1			1					1
West Virginia University.....	3		1	4	1		1	2	6
William and Mary College.....		1		1					1
Wofford College.....		1		1					1
<i>Total</i>	40	12	20	72	41	11	19	71	143

only those students who could complete graduation requirements by the end of the summer; counts as Juniors all others who have completed three or more years of work; as Sophomores those who have completed two years; and as Freshmen those who have been one year at Duke. The number of prospective Freshmen enrolled was indicated

by the six men and six women in the first term, two women in the second term, and twelve men and four women in the third term who registered on the basis of high-school transcripts without subsequent college work. These students have always constituted a very minor part of our summer enrollment. The number of Duke alumni and students who registered showed a slight gain over 1935, but is still below the enrollment for 1932, which was the record registration of our own students and alumni, there being 655 enrolled that summer out of total registrations numbering 1,711. Part of the loss has been due to economic conditions in our immediate area in which the overwhelming majority of our teaching alumni are placed, and from which it is easier for our undergraduate students to come for a six-weeks term in summer.

TABLE VII
DISTRIBUTION OF DUKE ALUMNI AND STUDENTS ENROLLED
IN THE 1936 SUMMER SCHOOLS

<i>Department</i>	<i>I</i>			<i>II</i>			<i>III</i>			<i>Grand Total</i>
	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	
Masters.....	14	11	25	1	3	4	5	4	9	38
Graduates.....	22	25	47	1	...	1	18	7	25	73
Seniors.....	41	15	56	3	1	4	16	9	25	85
Juniors.....	78	32	110	15	3	18	38	9	47	175
Sophomores.....	67	18	85	3	3	6	19	7	26	117
Freshmen.....	55	10	65	9	1	10	14	2	16	91
<i>Total</i>	277	111	388	32	11	43	110	38	148	579
Totals 1934 for comparison.....	171	92	263	16	11	27	100	44	144	434
Totals 1935 for comparison.....	258	108	366	27	25	52	84	38	122	540

The distribution of 1936 Summer School students by states, as given in Table VIII, indicates noteworthy gains in Alabama, Florida, Georgia, New Jersey, North Carolina, Pennsylvania, and South Carolina, each of which, with the exception of North Carolina, had its largest enrollment in the history of the Summer School. North Carolina had 102 more than in 1935, the largest enrollment the state has ever furnished except in 1932. It was following the 1932 Summer School that the legislative retrenchments in education fell so heavily upon local teachers. North Carolina still furnishes the largest enrollment of any state, and is still followed closely by Pennsylvania. In 1936 for the first time, however, Florida forged ahead both of West Virginia and Georgia, which had been alternating for third position. West Virginia is in fourth place, and Georgia has dropped to sixth, in spite of having the marked increase over 1935, by reason of the fact that, although South Carolina last year

furnished the largest delegation it had ever sent up, it this year sent as large a delegation in proportion to the teacher population as any state represented, except possibly Florida. Next below Georgia in total registrations came in order Virginia, Tennessee, New Jersey, Mississippi, Maryland, Alabama, New York, Kentucky, and Ohio.

TABLE VIII

DISTRIBUTION OF REGISTRATIONS BY STATES AND FOREIGN COUNTRIES, 1936

	<i>I</i>	<i>II</i>	<i>III</i>	<i>Juna-</i> <i>laska</i>	<i>Grand</i> <i>total</i> <i>for</i> <i>1936</i>	<i>Total</i> <i>for</i> <i>1935</i>	<i>Total</i> <i>for</i> <i>1934</i>
Alabama.....	41	4	15	2	62	37	42
Arkansas.....	5		1	1	7	3	9
California.....	1		1		2		1
Connecticut.....	6	1	2		9	11	2
Delaware.....	6	2	4		12	9	2
District of Columbia.....	7	2	3		12	7	6
Florida.....	147	27	77	19	270	225	124
Georgia.....	134	15	28	14	191	166	173
Illinois.....	6	1	1		8	8	3
Indiana.....	2		2		4	4	
Iowa.....	3	1			4	4	2
Kansas.....							2
Kentucky.....	34	7	10	1	52	47	18
Louisiana.....	3	8		2	13	13	8
Maine.....	2		2		4	3	
Maryland.....	32	19	12		63	50	50
Massachusetts.....	7		4	1	12	10	8
Michigan.....	1	1			2	3	1
Minnesota.....						1	
Mississippi.....	47	1	18		66	68	90
Missouri.....	5	1			6	5	9
Montana.....							1
Nebraska.....	1		1		2	2	
New Hampshire.....	1				1	1	
New Jersey.....	40	24	16	1	81	50	39
New York.....	34	12	15	1	62	55	58
North Carolina.....	334	47	161	124	666	564	558
Ohio.....	15	6	5		26	33	26
Oklahoma.....	6				6	8	1
Oregon.....							2
Pennsylvania.....	361	121	62	6	550	465	311
Rhode Island.....			1		1	2	1
South Carolina.....	133	26	59	7	225	149	124
Tennessee.....	56	8	27	9	100	92	66
Texas.....	2	1	3		6	24	24
Utah.....						1	
Vermont.....	3		1		4		
Virginia.....	70	12	33	2	117	95	117
West Virginia.....	187	12	54	2	255	265	223
Wisconsin.....	1				1	1	1
Canal Zone.....	1					1	
Cuba.....	1		1	1	3	3	
Canada.....	1				1		

TABLE VIII (Continued)

	I	II	III	Juna- luska	Grand total for 1936	Total for 1935	Total for 1934
Germany.....							1
Japan.....	1				1	3	2
Korea.....	1				1		1
Mexico.....						2	1
Puerto Rico.....		1	1		2	1	
Colombia, South America.....						1	
*Total in Medical School and School of Nursing, not distributed.....					145	100	
*Special Research Students, not distributed, 1935.....						28	
<i>Total</i>	1,737	360	620	193	3,055	2,620	2,107

*The distribution by states for 1934, but not for 1935 and 1936, includes students enrolled in the Medical School and School of Nursing. There were also students in 1935 enrolled in the Graduate Office for research who did not register in the Summer School Office. These students are indicated at the bottom of the table, undistributed by states, to give the total number of registrations indicated.

The 1936 students from North Carolina, excluding those enrolled in the Schools of Medicine and Nursing, were drawn from 75 counties distributed as shown in Table IX. There were 70 counties represented in 1935, and 73 in 1934. Within the last three years 92 of the 100 counties of North Carolina have been represented in the Summer School. Bertie, Camden, Chowan, Currituck, Gates, Madison, and Martin counties were last represented in 1934. Avery, Carteret, Cherokee, Duplin, Franklin, Hertford, Jones, McDowell, Transylvania, and Union counties were last represented in 1935.

Table X shows the distribution of public school teachers by states, men and women, and gives the 1934 and 1935 totals for comparison. The heaviest numerical increases were in North Carolina and Pennsylvania, but the heaviest percentage increase was in South Carolina. Other notable increases were in Florida, Georgia, Kentucky, New Jersey, and Virginia.

The improved training of North Carolina teachers was indicated by a study of the certification of the 349 teachers attending the first, second, and third terms of the 1936 Summer School. There were 80 men and 269 women in the group. Of the 80 men, 79 had certificates indicating four years or more in college, and the other one had more than three years of training. Of the 269 women, only 17 held certificates indicating less than three years of college training, and only 80 others held certificates indicating less than four years, whereas 172 indicated four or more years of training beyond standard high-school graduation. As far as the North Carolina teachers attending Summer School are concerned, they are coming more and more for the Master's degree, or for other reasons of their own, rather than under any compulsion of certification requirements. The

TABLE IX
DISTRIBUTION OF NORTH CAROLINA REGISTRANTS FOR 1936 BY COUNTIES

County	I	II	III	Junaluska	Total	County	I	II	III	Junaluska	Total
Alamance	6		4	3	13	Johnston	5		3		8
Alexander	1		1		2	Lee			1	2	3
Anson	3	1		1	5	Lenoir	3				3
Alleghany	1		1		2	Lincoln	1				1
Ashe	2	1	1		4	Macon				1	1
Beaufort	1	1	3		5	Mecklenburg	12	1	6	3	22
Bladen			1		1	Montgomery	4	1	1	1	7
Brunswick	1		1		2	Moore	1				1
Buncombe	7		2		9	Nash	1				1
Burke	4			2	6	New Hanover	2	1	2		5
Cabarrus	1				1	Northampton	1				1
Caldwell	1		3	1	5	Onslow	1				1
Caswell	1				1	Orange	14	5	7	1	27
Catawba	7	1	1	1	10	Pasquotank		2		1	3
Chatham	2	1			3	Perquimans	5				5
Cleveland	4	1	4	2	11	Person	7		2		9
Columbus	3	1	2		6	Pitt	1	1	1		3
Craven	3		2		5	Randolph	4				4
Cumberland	2		1	1	4	Richmond	2	1		1	4
Dare	1	2			3	Robeson	5		3		8
Davidson	6	1	2		9	Rockingham	5	2	3	2	12
Davie	2				3	Rowan	8	1	2		11
Durham	104	14	44	7	169	Rutherford	8		4		12
Edgecombe	5		2		7	Sampson	1		1		2
Forsyth	4	2	4	3	13	Scotland	2		1		3
Gaston	5		3	1	9	Stanly	2		1	1	4
Graham	1				1	Stokes	1		3		4
Granville	8	1			9	Surry	2		1		3
Greene				1	1	Vance	1				1
Guilford	9	1	6	1	17	Wake	17	1	11	1	30
Halifax	1		1		2	Warren	2		1		3
Harnett	2	1			3	Watauga	4		4	2	10
Haywood			1	82	83	Wayne	3		1		4
Henderson	1		2		3	Wilkes	1				1
Hoke				1	1	Wilson	3	1	1		5
Hyde	1				1	Yadkin			4		4
Iredell	4	1	3		8	Yancey	1				1
Jackson			1		1						
Total						334	47	161	124	666	

Summer School enrollment included 290 men and 330 women who had attended at least one preceding Summer School conducted by Duke University. There were three representatives of the 1919 Summer School, four from 1920, eight from 1921, two from 1922, four from 1923, and seven from 1924. Every Summer School ever held on the Duke University campus was represented in the enrollment for the first term of

TABLE X
DISTRIBUTION OF PUBLIC SCHOOL TEACHERS BY STATES—
1936 REGISTRATION

	First Term			Second Term			Third Term			Grand Total 1936	Total 1935	Total 1934
	Men	Women	Total	Men	Women	Total	Men	Women	Total			
Alabama.....	5	31	36	1	4	5	2	12	14	55	27	38
Arkansas.....	1	1	2					1	1	3	2	6
Connecticut.....				1		1				1	3	
Delaware.....	2	2	4	2		2	3	1	4	10	6	2
Florida.....	36	102	138	4	20	24	26	40	66	228	189	98
Georgia.....	36	84	120		15	15	14	10	24	159	131	132
Illinois.....	2	2	4					2	2	6	2	
Indiana.....		1	1					1	1	2	3	
Kentucky.....	6	26	32	2	4	6	4	5	9	47	35	15
Louisiana.....		3	3		7	7				10	7	6
Maryland.....	6	12	18	1	14	15	4	2	6	39	33	38
Minnesota.....											2	
Michigan.....		1	1		1	1				2		
Mississippi.....	15	26	41		1	1	5	9	14	56	63	83
Missouri.....		4	4		1	1		1	1	6	3	6
Nebraska.....											2	
New Hampshire.....							1		1	1	2	
New Jersey.....	2	4	6	4	16	20	3	5	8	34	10	9
New York.....	1		1	1	6	7		2	2	10	11	8
North Carolina.....	42	171	213	6	24	30	32	74	106	349	280	250
Ohio.....	7	3	10	1	5	6	3	1	4	20	20	12
Oklahoma.....		6	6							6	3	
Pennsylvania.....	121	197	318	36	75	111	22	28	50	479	405	253
South Carolina.....	32	69	101	2	21	23	15	24	39	163	106	100
Tennessee.....	9	39	48	1	6	7	8	10	18	73	74	53
Texas.....	1	1	2	1		1	2	2	4	7	23	19
Utah.....											1	
Virginia.....	23	21	44	8	6	14	14	7	21	79	58	68
West Virginia.....	62	117	179	4	11	15	21	26	47	241	252	211
Wisconsin.....		1	1							1		
Total.....	409	924	1333	75	237	312	179	263	442	2087	1753	1409
Teachers in Junaluska Summer School.....										138	120	77
Grand Total.....	409	924	1333	75	237	312	179	263	442	2225	1873	1486

1936, and the same is true for every Summer School held at Oriental. The only terms not represented were Junaluska 1926, 1927, 1928, and 1931. The number of students coming in from affiliated Summer Schools, however, was, as has always been the case, quite small in comparison to the total enrollments of the Schools; but the continued return of sizable groups of students from preceding terms held on our own campus indicates a gratifying continuity in the work of the Summer School.

HOLLAND HOLTON, *Director
of the Summer School.*

THE UNIVERSITY LIBRARIES

To the President of the University:

I present herewith a report on the work and growth of the Libraries of the University for the academic year 1935-36.

The growth of the Libraries is exhibited in the following table:

<i>Libraries</i>	<i>No. of Vols. June 30, 1935</i>	<i>Accessions 1935-36</i>	<i>No. of Vols. June 30, 1936</i>
General.....	320,095	21,873	341,968
Woman's College.....	22,533	5,402	27,935
Law.....	46,948	3,685	50,633
Hospital.....	30,688	1,220	31,908
<i>Totals.....</i>	<i>420,264</i>	<i>32,180</i>	<i>452,444</i>

In addition to this growth in the number of bound volumes, there were secured during the year a total of 43,694 manuscript pieces. This brings the total number of manuscripts in the Library to 385,536.

These figures make the Duke University Library twentieth among the university libraries of the country in the number of bound volumes. In number of volumes added during the year it is seventh in the published list.

The total expenditure for books, bindings, and periodicals during the period of this report was \$141,976.78, as compared with \$124,405.22 for the previous year. The distribution of these expenditures was as follows:

General Library.....	\$107,671.44
Hospital Library.....	5,493.25
Law Library.....	18,780.74
Woman's College Library.....	10,031.35
<i>Total</i>	<i>\$141,976.78</i>

These funds were secured from the following sources:

Library fee funds.....	\$ 27,465.21
Budget appropriations to the several libraries.....	88,727.51
Income from endowed book funds.....	366.21
Contributions by friends.....	18,613.06
Grant by General Education Board.....	5,368.97
Appropriation of Division of Co-operation in Education and Race Relations	1,435.82
<i>Total</i>	<i>\$141,976.78</i>

IMPORTANT ADDITIONS OF THE YEAR

In the first of the above tables the total number of volumes accessioned during the year was stated to be 32,180. It is obviously impossible to

report upon these in detail except to say that they represent the working materials of knowledge in the various fields of study in which the University's work falls. For rare volumes we are for the most part dependent upon friends and special gifts. It will, however, serve to illustrate the character of the materials secured and also the range of interest of the Library's book collection to list a few of the more important items secured. No additions to the Flowers Collection are included in the following list, since the growth of this Collection is discussed below:

Handbuch der Pflanzenanatomie, ed. Karl Linsbauer.

Handbuch der Bodenlehre, ed. Edwin Blanck.

Mitteilungen der Schweizerischen Centralanstalt für das Forstliche Versuchswesen, Vols. 1-15.

Jenaische Zeitschrift für Naturwissenschaft, Vols. 1-64 (1864-1930).

Naples. Stazione Zoologica. Mitteilungen, Vols. 1-22 (1879-1916).

Berichte über die wissenschaftliche Biologie, Vols. 1-15 (1927-31).

Wissenschaftliche Abhandlungen der physikalischen technischen Reichsanstalt (Charlottenburg), Vols. 1-19 (1887-1935).

Zeitschrift für Kristallographie, Vols. 1-89.

Zeitschrift für Untersuchung der Lebensmittel, Vols. 1-62 (1898-1932).

Fortschritte der Physik, Vols. 1-74 (1845-1918).

Zentralblatt für das gesamte Forstwesen, Vols. 1-56 (1875-1930).

The New Phytologist, Vols. 1-22.

Bulletin de la Société Dendrologique de France.

Hirsch, *Handbuch der inneren Sekretion*.

Scudder, *Butterflies of the Eastern United States*.

Proceedings and Journal of the American Water Works Association, 1903-28.

Annali di Matematica pura ed applicata, 1850-1930.

Freud, *Gesammelte Werke*.

Pipe Roll Society Publications, 1884-1934.

Debats Parlementaire de Chambre des deputes et senat de France, 1923—.

Monumenti Storici pubblicati dalla Deputazione de Storia patria veneta. Series I, Vol. 1—Series III, Vol. 4.

League of Nations Publications, 1920-35.

Reports of State Planning Boards (all in print).

N.R.A. and A.A.A. Code Hearing (on microfilm).

Wall Street Journal, 1906-07 and 1911-23.

Centuriatores Magdeburgenses Ecclesiastica Historia, ed. M. I. Flacius. 13 vols. in 8, 1559-74.

Mémoires et Bulletin de la Société archéologique de l'Orleanais. *Mémoires*, 1-36. *Bulletins*, 1-232.

Palestine Exploration Society, Quarterly Statement, 1870—.

Revue de Paris, Series I-IV.

Revue Hispanique.

Deutsche Literaturdenkmale des 18 und 19 Jahrhunderts, ed. Seuffert.

Tenison, *Elizabethan England*.

The Nation (London), Vols. 1-28.

Walt Whitman Scrapbook, 3 vols., 1859-96 (described in *Library Notes*, Vol. I, No. 2).

In addition to these larger items, mention should be made of a systematic effort to fill in the large number of broken periodical files which have resulted from the rapid growth of the Duke Library. Although this is a difficult and tedious task, Mr. Wilcox of the Acquisition Division was able to complete 24 files and to supply 144 missing volumes in other sets.

THE GEORGE WASHINGTON FLOWERS COLLECTION

This notable collection of material dealing with the history and culture of the Southern states, the gift of the sons and daughter of the late Colonel George Washington Flowers in memory of their father, has been most generously supported during the year. During the period of this report 56,823 items were added. These include 42,353 manuscripts, 10,000 newspapers, and 4,473 books and pamphlets. This brings the grand total of the Collection to 313,490 items, the division of the materials being 201,008 manuscripts, 80,000 newspapers, and 23,482 books and pamphlets.

Among the manuscripts secured during the year the most interesting items were perhaps the following:

- 29 letters of Jefferson Davis.
- 482 commissary papers from the regiments commanded by Ashby Turner.
- 3,923 letters and other manuscripts of D. B. Harris, one of the principal military engineers of the Confederate forces.
- 375 letters and papers of George F. Holmes, long a professor in the University of Virginia, who corresponded with many important literary figures during the middle of the last century.
- 285 letters and literary manuscripts of John Esten Cooke, Virginia novelist.
- 1,500 letters and papers of Alexander Boteler of West Virginia, a Whig who endeavored to preserve the Union.
- 327 letters from the correspondence of George S. Houston, Governor of Alabama at the close of the Reconstruction period.
- Miscellaneous letters of Robert E. Lee, Beauregard, Jubal Early, "Light Horse" Harry Lee, James W. Mason and others.

Among the newspapers received were many copies of the *Richmond Daily Dispatch* and the *Rockingham Register* for the Civil War years, and considerable runs of the *Haynesville Chronicle* and *Spirit of the Times* from Alabama for the ante-bellum period. Photostats of the *South Carolina Gazette* from 1731 to 1735 and of the *Virginia Gazette* from 1778 to 1779 were acquired. For the years since 1865 the principal acquisition was a long run of the *Atlanta Constitution* and one of the *Sunny South*.

Of the books secured, the largest group consisted of about 2,000 volumes pertaining to Africa, the Negro, and anti-slavery agitation.

The few items here listed serve to illustrate the wealth of material which is being acquired through the generous gifts of the Flowers family. While the Collection consists almost entirely of historical materials, Mrs. Marshall Spears made it possible during the year for the Library to add to it a number of important current books dealing with the South. The collecting of this significant body of material has been done by Dr. W. K. Boyd, Chairman of the History Department. Under his guidance it has become one of the notable historical collections of the country.

THE THOMAS COLLECTION

In addition to his services to the University in other directions, Mr. James A. Thomas, of White Plains, New York, has continued to add many valuable volumes to the Collection which he has been building up in the Library on the Far East. This Collection now numbers approximately 1,250 volumes and is of increasing value.

THE MARY ELIZABETH DUKE LYON FUND

While the Library has been fortunate in having friends who have contributed generously to its book funds, it has few endowed book funds. For one part of the academic field this handicap was removed by the establishment during the year by Mrs. J. Ed. Stagg of a fund, the proceeds of which will be used for the purchase of books on child psychology. The fund is given in memory of her mother, Mary Elizabeth Duke Lyon, a devoted friend of Trinity College in the days when it was a small and struggling institution. The collection which will be built up will not only provide materials for the work of a number of the departments of the University, but will be available also for teachers, social workers, parents, and others in the community interested in the welfare and development of children. There could be few more useful or beautiful memorials.

GENERAL EDUCATION BOARD GRANT

In the last report a statement was made of the program of co-operation which had been worked out with the Library of the University of North Carolina. This included a plan for the co-operative acquisition of much new material needed in this area. In December, 1935, the General Education Board of New York made a grant of \$50,000 in aid of this co-operative purchasing program, the sum to be divided equally between the two libraries and to be used for the purchase of research materials in the fields of the biological, physical, and social sciences and English literature. Since no duplications of the holdings of either library are permitted, each volume secured represents an enrichment of the book resources of the two university communities. A number of the important sets listed above were secured with funds from this grant.

This program of co-operation has now passed beyond the stage of experimentation and has become a settled policy of the two libraries. The carrier service set up last year has been extended to six days a week, and

the loans between the two libraries have increased more than 1,000 per cent over what they were before the initiation of the co-operative program. More recently the principle has been applied in two new directions. Following an agreement of both libraries to exchange current periodical numbers as well as books, the Library Council of Duke University has instructed the responsible officials to avoid as far as is practical further duplication of the current periodical list of the University of North Carolina Library. By such a policy the total resources of the region can be greatly increased. The second undertaking in which progress has been made by co-operation is that of collecting the public documents of the forty-eight states of the Union. This is a task which neither library can perform alone. An agreement has been reached by which both libraries will collect the documents of the Southern states, but will divide the responsibility for the remaining thirty-six states. The growing importance of this material to the faculties of the natural and social sciences makes this agreement possibly the most important library event of the year for this region.

GIFT OF THE NEW HAMPSHIRE STATE LIBRARY

The largest single gift of books during the year came from the New Hampshire State Library. In February, 1936, this library presented to Duke University its collection of State Senate and House Journals, consisting of over 2,500 volumes. When these were checked, it was found that only fifty volumes duplicated the previous holdings of the Library. This one gift, supplementing as it did the material already acquired, gives Duke one of the best collections of Senate and House Journals in the South. The Journals of all the states were secured except those of Mississippi, New Hampshire, North Carolina, and Rhode Island. Among the earlier Journals received were an 1825 Georgia one, an 1828 Virginia, an 1834 Indiana, an 1835 New York, an 1836 Vermont, an 1836 Wisconsin, and a reprint of the 1797-98 Senate Journal of Tennessee. Territorial journals were acquired for Kansas, Iowa, Nebraska, Washington, Oregon, Colorado, Wyoming, Idaho, Nevada, Utah, New Mexico, Arizona, and Wisconsin. Ante-bellum journals were added for all of the Southern states except Louisiana. This unique acquisition gives Duke a decided impetus in its document building program, and our gratitude to the New Hampshire State Library is proportionate to the value of their gift.

OTHER GIFTS AND EXCHANGES

In addition to the above gifts and grants, the Library received by gift 10,025 books and pamphlets, all of which have been duly acknowledged. It has carried on an active exchange relationship with other libraries. By this latter means 9,523 volumes were secured, and 6,117 sent. Thanks to the arrangements made by the University Treasurer by which the journals published by the Duke University Press were made available to the Library for exchange purposes, 332 periodicals and journals have been received by exchange or gift and 238 have been sent.

THE FRIENDS OF DUKE UNIVERSITY LIBRARY

The organization of the Friends of Duke University Library was chronicled in the last report. This society has now completed the first year of its existence and has demonstrated unmistakably the service which it can render to the Library. The first "Library Dinner" held in November, 1935, with Dr. Douglas S. Freeman as the guest speaker, was such a success as to be likely to become an annual occasion. At the end of the academic year there were 491 members in the organization. Not including additions to the Flowers and Thomas collections, and the establishment of the Mary Elizabeth Duke Lyon Fund, the Friends of the Library contributed during its first year \$1,047.03 and 983 volumes and manuscripts. Many of the latter were of outstanding value. The assistance which such a body of friends can render over a period of years can scarcely be visualized, and the organization should be carefully nurtured.

THE UNDERGRADUATE IN THE LIBRARY

At the beginning of the academic year a change which merits comment was made in the handling of the undergraduate reading room. The books reserved for class use had been held behind a desk and issued to students on demand. The unsatisfactoriness of this arrangement has been keenly felt by members of the teaching Staff, particularly their inability to interest students in optional or recommended readings. This year those books have been placed on open shelves in the reading-room, an attendant being placed at the door to check all books removed from the room. The arrangement has proved most satisfactory, losses for the academic year amounting to only about a dozen books.

This is but one step toward a more effective library service for the undergraduates on our campus. It is a lamentable fact that the growth of the great book collections of university libraries, coupled with the increase in numbers of the student body, has resulted in the separation of the students from the books. While we are handicapped by the crowded conditions of the General Library, the Staff is undertaking to overcome the situation as far as possible. Particular attention must be given to this problem in drawing the plans for the additions to the Library.

THE WOMAN'S COLLEGE LIBRARY

The Woman's College Library added to its collection during the year 5,402 volumes, bringing the total in this Library to 27,935. During the year the general statement of policy that this Library should contain materials for the use of the undergraduate women students and should not duplicate expensive materials present in the General Library which would be used only occasionally, has been more clearly defined. While it will always be difficult to apply this principle in specific cases, this general policy is becoming more clearly understood. It is important that this be adhered to, since otherwise we shall find ourselves engaged in building up two comprehensive libraries instead of one.

The Woman's College Library by concentrating upon its service to the undergraduate women has been able to serve this group with marked effectiveness. Freed from the pressure of graduate and research work, its aim will be to serve as a stimulating and attractive center of reading and study for undergraduate women. From a library standpoint it would be regrettable if the transfer of major departments to the East Campus should compel us to limit the outstanding service which the Woman's College Library is rendering along these lines.

During the course of the year the Art Association has continued to use the North Room of this Library for its exhibitions. It is a pleasure to record that Miss Eleanor Lansing Thomas has presented a Chinese cabinet to the Thomas Room and that the Sophomore Commission of the Y.W.C.A. added to the attractiveness of the Book Lovers' Room by the gift of Venetian blinds, draperies, and andirons.

THE LAW AND HOSPITAL LIBRARIES

The Law Library added to its accessions during the year 3,685 volumes, bringing the total to 50,633. It has continued its cataloguing of materials acquired in large numbers at the time the Law School was organized, and has been able to work out a number of improvements in its service to the students and Faculty of the Law School. The Hospital Library—the pride of the campus from the standpoint of decoration and comfort for its readers—has added 1,220 volumes, bringing its total in this Library to 31,908.

The Law Library is faced with the same problem which is so acute in the General Library, namely, the absence of space for its further expansion.

CIRCULATION AND CATALOGUING STATISTICS

The circulation statistics for the year are as follows:

<i>Libraries</i>	<i>Books lent:</i>		<i>Total</i>
	<i>For use outside Library Building</i>	<i>For use inside Library Building</i>	
General.....	150,172	68,399	218,571
Woman's College.....	29,124	62,792	91,916
Law.....			14,440
<i>Total.....</i>			324,887

These figures do not include the Hospital Library, which does not keep a record of its loans. They show a decrease of 11,356 loans from the figures of the previous year. This, however, is due to the change in the handling of the reserve bookroom described above. Since the previous figures included about 60,000 loans annually over the desk of that room, which loans have been eliminated by the open book system now in

use, it will be readily seen that the circulation has increased during the year by approximately 50,000 withdrawals.

To these totals must be added the figures for loans to other institutions and to our alumni, as well as those of books borrowed from other libraries for the use of our Faculty and students. Books loaned for these purposes—most of them being inter-library loans—totaled 1,071; books borrowed from other libraries, 1,148.

The Cataloguing Department reports a total of 51,788 titles classified and catalogued as compared with 38,897 for the previous year. This represents an increase of 33 per cent. The total number of cards made and filed was 203,823, including those made for the Library of Congress and the University of North Carolina Library.

ACTIVITIES OF THE STAFF

It will be obvious from a perusal of this report that a heavy burden of activity has fallen upon the Library Staff during the past year. That increases of approximately 50,000 book loans, \$17,000 in book expenditures, and 12,000 books catalogued was carried through without confusion or loss in efficiency, speaks highly for the organization. It is evident, however, that if graduate work in the University continues to expand and the size of the student body to increase, a corresponding increase will be necessary in the Library Staff which must serve these varied interests.

During the course of the year the Staff has taken part in the activities of a number of professional organizations. The Librarian and Mr. Powell attended the meeting of the North Carolina Library Association, the latter having a paper on the program. Practically all librarians and heads of departments attended the annual meeting of the American Library Association held in Richmond. Mr. Wilcox of the Acquisition Division had a part in the program, and was appointed Chairman of the Public Documents Committee of this important association. The Director of Libraries has served on the American Library Association Committee on the Resources of Southern Libraries. He is also Chairman of a Committee of the American Association of Research Libraries for the investigation of the possibility of printing or reproducing in some other compact form the catalogue of the Library of Congress. These activities are to be commended and encouraged, since they represent a contribution to the profession on the one hand and the surest way of keeping informed as to the best techniques and processes upon the other.

Several members of the Staff were on leave of absence during the year attending library schools. Miss Mary Elizabeth Boyd was at Columbia, and Miss Clara Rigsbee and Miss Mary Spence at McGill University.

Publications by members of the Staff consisted of the following:

By Mr. Jerome K. Wilcox of the Acquisition Division:

Unemployment Relief Documents (New York: H. W. Wilson Co., 1936).
Guide to the Official Publications of the New Deal Administrations, Supplement (Chicago: American Library Association, 1936).

"Problems Presented by Publications of New Deal Agencies" and "A Guide to the Serial and Periodical Publications in Great Britain," *Report of the American Library Association Committee on Public Documents*, 1935.

"Merritt Starr," *Dictionary of American Biography*, Vol. XVII.

By Miss Mary Westcott and Miss Allene Ramage:

A Checklist of United States Newspapers in the General Library, Part IV, North Carolina (Bibliographical Contributions of the Duke University Libraries).

By Mr. William R. Roalfe of the Law Library:

"The Activities and Program of the American Association of Law Libraries," *Law Library Journal*.

"American Lawyers and Their Books," *American Bar Association Journal*.

"Status and Qualifications of Law School Librarians," *American Law School Review*.

"The Place of Co-operation with Other Groups in the Program of the American Association of Law Libraries," the 1936 *Proceedings of National Association of State Libraries*.

In addition to the above, book reviews of Mr. Jerome K. Wilcox and Mr. Ben Powell appeared in the *Annals of the American Academy of Political and Social Science*.

New additions to the Staff consisted of Miss Sarah Thompson, who took the place of Miss Sellars in the Acquisition Division, and Dr. G. A. Nuernberger, who was placed in charge of the Reference Room. The thorough academic training of the latter makes him especially valuable in reference work.

IMMEDIATE NEEDS

It is evident from the above paragraphs that the Library is a going concern. Its book and manuscript collections are increasing at a satisfactory rate, and it has found generous friends who will aid its progress and enrichment. This progress, however, is seriously threatened by the inadequacy of the present building. It is unnecessary to repeat what was written in last year's report on this subject, but only to add that with the passage of another year the problem has become more acute. Not only is shelf-space virtually exhausted, but we are in need of room for exhibitions of rare books, for special reading-rooms for certain graduate subjects and for undergraduate study, and working space for the Library Staff. It is hoped that some generous friend can be interested in providing a structure which will adequately provide for the developments of the next few decades. There is no better way in which one can serve the cause of education than by providing such a place of study and storehouse of knowledge for this section of the country, which has yet to possess a great university library.

In the meanwhile there are several immediate needs which should be met. We need badly a number of insect-proof, metal-framed exhibition cases. Without these—we have now only one improvised case—it is impossible for the Staff to perform that part of its educational task which

is accomplished by the display of rare or especially timely books or papers. A second acute group of needs relates to the catalogue which is the heart of every library. The Duke Library has used the Dewey classification scheme, but it is well known that this is unsatisfactory for large libraries. While the Director is unconvinced that a complete reclassification of the entire holdings of the Library would justify the great cost involved, it does seem essential to revise the worst aspects of the present system.

Perhaps of greater importance than either of these is the need of the Woman's College Library for a catalogue of the holdings of the General Library. While it is not unreasonable to expect the undergraduate women to come to the General Library for expensive and infrequently used materials, it would be helpful to have information available on the East Campus as to what volumes they may hope to find. Such a catalogue, involving as it will some 150,000 cards, will be expensive to provide, but it would aid in the integration of our Libraries and in library service to the Woman's College.

A number of problems would be solved by the installation of a pay telephone in the General Library for the use of the reading public. Such a phone located near the lobby would be of great service to our readers and would relieve a number of embarrassing situations.

In conclusion, the Director of Libraries wishes to express his sincere gratitude to the administrative officers of the University and to members of the Faculty and in particular to the members of the Library Council for their wholehearted interest, full support, and constructive criticism. With the continuation of this interest and support by those on the campus and the generous assistance of alumni and friends, the University Library is certain of a future of increased effectiveness and rich service to the causes of teaching and research.

HARVIE BRANSCOMB, *Director of Libraries.*

LIBRARY STATISTICS*

July 1, 1935-June 30, 1936

The Books:

Volumes accessioned (1935-36).....	32,180
Total number of volumes accessioned.....	452,444
Total number of volumes catalogued (1935-36).....	51,788*
Titles in foreign languages catalogued (1935-36).....	11,312*
Catalogue cards made and filed (1935-36).....	203,823*
Total circulation of books (1935-36).....	324,887*

Expenditures:

Books, periodicals, and binding.....	\$ 141,976.78
Salaries.....	100,336.96
Supplies, office expense, repairs and renewals, traveling expenses, and furniture and equipment.....	9,035.93

Total Expenditures.....\$ 251,349.67

* Does not include figures for Hospital Library.

<i>The Staff:</i>	<i>Full time</i>	<i>Part time</i>	<i>Total</i>
Staff members.....	55	70	125

B. STAFF BY LIBRARIES (1935-36)*

<i>General Library</i>	<i>Full Time</i>	<i>Part Time</i>	<i>Total</i>
Librarian.....	1	0	1
Secretary to Director.....	1	0	1
Secretary to Librarian.....	1	0	1
Acquisition Division.....	7	0	7
Cataloguing Division.....	16	10	26
Circulation and Reference.....	9	33	42
Manuscript Department.....	1	2	3
Newspaper Department.....	1	1	2
Periodical Department.....	2	1	3
<i>Total</i>	39	47	86
<i>Hospital Library</i>			
Librarian.....	1	0	1
Circulation.....	1	0	1
Secretary.....	0	1	1
<i>Total</i>	2	1	3
<i>Law Library</i>			
Librarian.....	1	0	1
Research Librarian.....	1	0	1
Secretary.....	1	0	1
Cataloguing Department.....	3	1	4
Reference and Circulation.....	0	9	9
Special.....	0	1	1
<i>Total</i>	6	11	17
<i>Woman's College Library</i>			
Librarian.....	1	0	1
Cataloguing Department.....	3	2	5
Circulation Department.....	2	4	6
Order Department.....	1	0	1
Periodical and Reference.....	1	5	6
<i>Total</i>	8	11	19

* Does not include figures for Hospital Library.

THE DUKE UNIVERSITY PRESS

To the President of the University:

While the activities of the Duke University Press during the year 1935-36 were centered more largely in the publication of the various quarterly periodicals, all of which made substantial progress, seven books in various fields and two monographs were published.

Additional books completed since the publication of the last report include the following:

Presidential Politics in the United States, 1841-1844, by Oscar Doane Lambert, Nov. 21, 1936.

The Psychology of Belief, by Helge Lundholm, Dec. 12, 1936.

The Press now has in process of publication the following:

The United States and the Republic of Panama, by William D. McCain.

American Writers—A Series of Papers Contributed to Blackwood's Magazine (1824-25) by John Neal, ed. Fred Lewis Pattee.

The Influence of Barriers Upon the Strength of Motivation, by Herbert F. Wright. (This will be Vol. I, No. 3, of *Contributions to Psychological Theory*.)

The books published by the Press have received many favorable reviews at home and abroad, while articles from the periodicals, especially *American Literature*, *Character and Personality*, and *The South Atlantic Quarterly*, have been abstracted, reproduced, or quoted at length in several publications. Incidentally, the latter publication has just entered upon its thirty-sixth consecutive year.

The circulation of periodicals is increasing, and either through exchanges or subscriptions reach almost every country in the world. Moreover, there are exchange advertisements with many foreign publications which present the name of the periodical concerned and of the University to a still wider audience.

Since its inception the Press has published fifty-nine books and seven monographs, distributed as follows:

Southern History.....	10
American History and Politics.....	7
Hispanic American History.....	7
English History and Politics.....	6
Literary Criticism and Poetry.....	8
Biological Sciences.....	5
Religion	6
European History and Culture.....	3
Economics	2
Medicine	3
Travel	2
Bibliography	2
Education	1
Psychology	3
Sociology	1

There are several interesting manuscripts on hand, as well as some books in the process of publication, as already indicated, and it is expected that the future may bring expansion in the field of book publication to match the program of periodical publication. There is every reason to expect enlarged activity in both fields during the year just ahead.

There is contemplated for the near future a series of four historical books dealing with Trinity College and Duke University, these to be issued preliminary to the Centennial Celebration in 1938-39. The first two will be *My Seven Years in North Carolina* by the late John Franklin Crowell, former president of Trinity College, and a book by Professor Paul N. Garber dealing with the late John Carlisle Kilgo's presidency of Trinity College. It is hoped that there will be off the press before the 1938 Commencement studies in various fields of research by members of the Duke Faculty, these also to be in the nature of Centennial publications.

Two new quarterly periodicals are to be launched soon with the imprint of the Duke University Press, one of these being a publication in the field of education sponsored by the Southern Association of Colleges and Secondary Schools and edited by Professor Holland Holton, of the Duke Faculty. The other will be *The Journal of Parapsychology*, edited by Professors William McDougall and J. B. Rhine, of the Duke Faculty. These will bring the total of quarterly periodicals to eight, including the following, in addition to the two just named: *The South Atlantic Quarterly*, *American Literature*, *The Hispanic American Historical Review*, *Ecological Monographs*, *Character and Personality*, and the *Duke Mathematical Journal*. Besides, the Press issues at intervals *Papers of the Trinity College Historical Society*, *Contributions to Psychological Theory*, and *Educational Monographs*.

The personnel of the Press organization has remained the same during the period covered by this report except that Professor J. Fred Rippy, Editor of the Press, retired in 1936, having accepted a position in the faculty of the University of Chicago. The present full-time organization includes Dr. R. O. Rivera, Executive Secretary; D. K. Jackson, Editorial Secretary; Miss Exie Duncan, Office Secretary. There is a Committee on the Press composed of members of the Faculty and Administration of the University.

HENRY R. DWIRE, *Director*.

THE UNIVERSITY COUNCIL ON RESEARCH

To the President of the University:

The report of the University Council on Research for the period beginning July 1, 1935, and ending June 30, 1936, is submitted herewith. Appended to this is a list of the scholarly and scientific publications appearing under the names of the members of the Faculties of the different Schools of the University during this period. This is a continuation of the lists of such publications appended to your earlier reports.

Owing to the fact that several of the members of the Council were on leave during the academic year 1935-36, a number of changes appear in the list of members appointed for this period. This list was as follows: H. B. Branscomb, W. H. Glasson, P. M. Gross, F. M. Hanes, C. B. Hoover, H. C. Horack, J. B. Hubbell, Wm. McDougall, J. F. Rippy, D. T. Smith, J. M. Thomas, and F. A. Wolf.

At a meeting in October, 1935, the following officers were elected: P. M. Gross, Chairman; C. B. Hoover, Secretary; and Wm. McDougall, J. F. Rippy, and D. T. Smith as members of the Executive Committee. The administrative officers of the University again made it possible for members of the Faculty to have funds available for research during the summer and to plan their work for the ensuing year at an early date by assigning in the spring of 1935 a budget of \$20,000 to the Research Council for the year 1936-37. From this budget seventy-three grants were made to members of the Faculty in May, 1936.

Attention has been drawn previously to the difficulty of publishing scholarly and scientific books during the recent years following the depression. In an effort to relieve this situation for our own Faculty members, the Council set aside a small fraction of its budgets for the years 1935-36 and 1936-37 to be used as a fund for subsidies in aid of publication of research and scholarly work. Several grants from these funds have been allowed. In order that the allotment of such funds should be on as objective a basis as possible, a finished manuscript is submitted to a local committee familiar with the field who in co-operation with the author suggest the names of several authorities in the field outside of the University. One of these is paid a fee for reading the manuscript and giving an opinion concerning it. On the basis of this judgment and other pertinent information the decision concerning a subsidy is reached by vote of the entire Council. The author receives no return from the sale of books so subsidized until this fund of the Council is first reimbursed to the extent of such subsidy. While this plan is still in an experimental stage it is hoped that its operation will make it possible within a few years to build up a revolving fund to aid in the publication of more books of the type here under consideration.

The continued progress of a live and vital program of research depends on the outlook, perspective, and standards of our research personnel.

Important in this respect are the opportunities we afford for research workers to form outside contact in the fields of their special interests, through participation in the activities of the national societies in their respective fields and by their attendance at scientific and scholarly meetings. We hope that plans now under formulation for aiding members of our Faculty in attending meetings may be effectively realized in the near future. Another factor of importance in this connection is the system of sabbatical leaves partially in abeyance here since 1933-34 and fortunately to be re-established in 1937-38 on the same basis of operation as was in effect before the depression years.

The appended list of publications for the year 1935-36 is somewhat more extensive than last year. While this increase in volume is in itself of little worth as a criterion of research development in the institution without a concomitant proper judgment of the quality of our research product, of real significance is the appearance of a considerable number of new names in the list of authors of these publications. Furthermore, many of these new names are those of the younger members of our Faculty, and their presence in this list is a clear indication of the widening interest in research and scholarly investigation in our Faculty group generally. Attention will be drawn here to particular items in the list of publications of members of the Faculties of the Graduate School of Arts and Sciences and of the Undergraduate Colleges. Comment concerning the contributions of the members of other Faculties will be found in the reports of the officers of their respective schools.

The publications for the year in the social sciences include a number of articles on population theory by Associate Professor J. J. Spengler; a book by Professor E. J. Hamilton in which he brings together some of the results of his researches on money, prices, and wages in fourteenth- and fifteenth-century Spain; an interesting study by Professor W. T. Laprade of the development of the press and its relation to politics in eighteenth-century England; contributions discussing present-day economics and politics by Professor H. von Beckerath, and a number of shorter articles on the geography of Mexico by Dr. B. F. Lemert. In the field of the humanities may be mentioned several studies in literary history by Professor A. H. Gilbert and the publication of a book by Professor A. G. Widgery in which he draws upon his extensive knowledge of present-day religions to write on *Living Religions and Modern Thought*.

Among the publications of the members of the Faculty from the sciences we note a monograph written by Professor A. S. Pearse and Professor F. G. Hall in collaboration with others, summarizing the results of an extensive zoological and hydrographic survey of the cenotes of Yucatan; two volumes by Professor H. Sponer on molecular spectra and their application to chemical problems; and the appearance of an exhaustive treatise by Professor F. A. Wolf on the diseases of the tobacco plant.

PAUL GROSS, *Chairman of the
University Council on Research.*

PUBLICATIONS OF THE MEMBERS OF THE FACULTIES OF THE
GRADUATE SCHOOL OF ARTS AND SCIENCES AND OF THE
UNDERGRADUATE COLLEGES OF DUKE UNIVERSITY
IN THE PERIOD OF JULY 1, 1935, TO JUNE 30, 1936

ANDERSON, CHARLES R. English.

"A Reply to Herman Melville's *White-Jacket*, by Rear-Admiral Thomas O. Selfridge," *American Literature*, VII, 123-144 (May, 1935).

ASHWORTH, J. A. Physics.

—(with J. C. Mouzon), "A New Voltage Regulator Circuit" (abstract), *Physical Review*, XLIX, 886 (1936).

BALDWIN, ALICE MARY. History.

The Clergy of Connecticut in Revolutionary Days (New Haven: Yale University Press for the Connecticut Tercentenary Commission, 1935). 31 pp.

BERRY, THOMAS SENIOR. Economics.

Contributor and co-editor: *The Economic Literature of Latin America: A Tentative Bibliography*, compiled by the Staff of the Bureau for Economic Research in Latin America, Harvard University (Vol. I; Cambridge: Harvard University Press, 1935). Pp. (4), v-xvii, (3), 315 pp.

"Wholesale Commodity Prices in the Ohio Valley, 1816-1860," *Review of Economic Statistics*, XVII, 79-93 (Aug., 1935).

Wholesale Commodity Prices in the Ohio Valley, 1816-1860 (Cambridge: International Scientific Committee on Price History, 1935). 32 pp. (Text reprinted from the *Review of Economic Statistics* with additional statistical material.)

*BERRY, WILLARD. Geology.

"Upper Cretaceous Ostracods from Maryland," *American Journal of Science*, IX, 481-487 (1925).

"Protoconchs of Caecum in the Miocene of Maryland," *The Nautilus*, XXXIX, 66-67 (1925).

"Description and Notes on the Life History of a New Species of Eulimnadia," *American Journal of Science*, XI, 429-433 (1926).

"Two New Species of Dentalium from the Eocene of Peru," *The Nautilus*, XL, 19-20 (1926).

"Meteorological Observations at Negritos, Peru," *Monthly Weather Review*, 75-78 (Feb., 1927).

"Cretacic Rocks of Ecuador," *Pan-American Geologist*, XLVIII, 37-38 (1927).

"The Microspheric Form of 'Orthophragmina' (Discocyclus) Peruviana Cushman," *Eclogae Geol. Helvetiae*, XX, 470-471 (1927).

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"The Foraminifera of the Restin Shale of Northwest Peru," *Eclogae Geol. Helvetiae*, XXI, 130-135 (1928).

"The Smaller Foraminifera of the Middle Lobitos Shales of Northwestern Peru," *Eclogae Geol. Helvetiae*, XXI, 390-405 (1928).

"Asterodiscocyclina, a New Subgenus of Orthophragmina," *Eclogae Geol. Helvetiae*, XXI, 405-407 (1928).

"Observations in Peru," *Science*, LXVIII, 323 (1928).

"Note on the *Nodosaria Affinis* d'Orbigny in the Eocene of Maryland," *Eclogae Geol. Helvetiae*, XXII, 166 (1929)

* Signifies members of the Faculty who began their tenure in 1936. A list of their publications since 1925 is included as indicative of their fields of interest.

- "Two New Species of 'Orthophragmina' from Calita Sal, Peru," *Journal Washington Academy of Science*, XIX, 142-145 (1929).
- "Two New Large Radiolaria from Peru," *Journal Washington Academy of Science*, XIX, 145-148 (1929).
- "Shorter Contributions to the Paleontology of the Eocene of Northwestern Peru," Parts I-III, *Journal Washington Academy of Science*, XIX, 235-240 (1929).
- "Larger Foraminifera of the Verdun Formation of Northwestern Peru," *Johns Hopkins University Studies in Geology*, (9), 166 pp. (1929).
- "The Foraminifera of the Ripley Formation on Coon Creek, Tennessee," *Proc. U. S. Nat. Mus.*, LXXVI, 1-20 (1929).
- "A New Hypural Fan from the Miocene of Maryland," *Journal Washington Academy of Science*, XX, 41-42 (1930).
- "'Orthophragmina' (Discocyclina) moroensis W. Berry, n. sp.," *Journal Washington Academy of Science*, XX, 432-434 (1930).
- "The Larger Foraminifera of the Atascadero Limestone of Northwest Peru, South America," *Eclogae Geol. Helvetiae*, XXIII, 489-496 (1930).
- "Evidence for the Spread of East Indian Forms to Equatorial America During Eocene Time," *Bulletin Geological Society of America*, XLI, 351-358 (1930).
- "Micro-organisms from the Waldron Shale of Clifty Creek, Indiana," *Proc. Indiana Academy of Science*, XL, 207-208 (1931).
- "Sectioning Orbitoid Foraminifera," *Science*, LXXIII, 426-427 (1931).
- "Distribution of the Fusulinidae," *Pan-American Geologist*, LVI, 181-187 (1931).
- "Nodosaria pozoensis W. Berry n. sp.," *Journal Washington Academy of Science*, XXI, 17 (1931).
- "Deformed Orbitoids," *Eclogae Geol. Helvetiae*, XXIV, 159-163 (1931).
- "The Larger Foraminifera of the Talara Shale of Northwestern Peru," *Journal Washington Academy of Science*, XXII, 1-9 (1932).
- "A New Trigonocarpus from Ohio," *Ohio Journal of Science*, XXXII, 194-196 (1932).
- "A Remarkable Specimen of Callixylon Newberryi (Dawson) Elkins et Wieland, from the Ohio Shale," *Ohio Journal of Science*, XXXII, 385-388 (1932).
- "The Foraminifera of the Heath Formation of Northwestern Peru, South America," *Eclogae Geol. Helvetiae*, XXV, 25-31 (1932).
- "Fusulina from Peru and Bolivia," *Pan-American Geologist*, LIX, 269-272 (1933).
- "Flora in the Roof of the Upper Freeport Coal at Callahan's Mine, Teegarden, Ohio," *Ohio Journal of Science*, XXXIII, 208-209 (1933).
- "A Fossil Willow from Ohio," *American Midland Naturalist*, XV, 781-783 (1934).
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 —(with Hugh W. Sigmon and David H. Wilcox, Jr.), "Some Derivatives of β Sulfopropionic Acid," *Journal of the American Chemical Society*, LVII, 2521-2524 (1935).
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 —(with H. J. Oosting), *A Guide to the Spring and Early Summer Flora of the Piedmont, North Carolina* (2d ed.; Durham: Seeman Printery, 1936). xviii, 138 pp.
- BROWNELL, W. A. Education.
 "The Field Worker as a Consumer and Producer of Research," *Journal of Educational Research*, XXIX, 144-148 (Oct., 1935).

- "Theoretical Aspects of Learning and Transfer of Training," Chapter I, *Psychology of Learning, General Methods of Teaching and Supervision*, 281-290. *Review of Educational Research*, V (June, 1936).
- (with Charlotte Chazal), "Effects of Premature Drill in Third Grade Arithmetic," *Journal of Educational Research*, XXIX, 17-28 (Nov., 1935).
- CARLITZ, LEONARD. Mathematics.
- "On the Representation of a Polynomial in a Galois Field as the Sum of an Odd Number of Squares," *Duke Mathematical Journal*, I, 298-315 (1935).
- "A Theorem on Higher Congruences," *Bulletin of the American Mathematical Society*, XLI, 844-846 (1935).
- "On Certain Higher Congruences," *Bulletin of the American Mathematical Society*, XLI, 907-914 (1935).
- "On Polynomials in a Galois Field: Some Formulae Involving Divisor Functions," *Proceedings of the London Mathematical Society*, XXXVIII (Series 2), 116-124 (1935).
- CARR, JOHN W., JR. Education.
- "The Approach to Reading as a Meaningful Process," *North Carolina Education*, II, 126, 140-141 (Dec., 1935). (Reprinted in *Elementary English Review*, XIII, 145-148, April, 1936.)
- COILE, T. S. Forestry.
- "Relation of Site Index for Shortleaf Pine to Certain Physical Properties of the Soil," *Journal of Forestry*, XXXIII, 726-730 (1935).
- CONSTANT, F. W. Physics.
- (with F. E. Lowance), "The Variation with Magnetic Field and Temperature of the Thermoelectric Properties of Ferromagnetics," *Physical Review*, XLVIII, 257-260 (1935).
- CUNNINGHAM, BERT. Zoology.
- "Regeneration of Functional Testes in Birds," *The Journal of the Elisha Mitchell Scientific Society*, LI, 221-222 (Dec., 1935).
- "The Endocrine System," *The South Atlantic Quarterly*, XXXIV, 384-393 (Oct., 1935).
- Laboratory Guide: Chordate Embryology* (Revised ed.; Durham: Seeman Printery, 1935). 132 pp.
- DARKIS, F. R. Chemistry.
- (with L. F. Dixon and P. M. Gross), "Flue-Cured Tobacco: Factors Determining Type and Seasonal Differences," *Industrial and Engineering Chemistry*, XXVII, 1152-1157 (Oct., 1935).
- (with L. F. Dixon, F. A. Wolf, J. A. Hall, E. P. Jones and P. M. Gross), "Flue-Cured Tobacco: Natural Aging of Flue-Cured Cigarette Tobaccos," *Industrial and Engineering Chemistry*, XXVIII, 180-189 (Feb., 1936).
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- "The Effect of the Time Factor in the Administration of Tests," *School Science and Mathematics*, XXXVI, 85-91 (1936).

"Another Method of Ranking Students According to Achievement in General Physics," *American Physics Teacher*, IV, 97-98 (1936).

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"George W. Cable's Philosophy of Progress," *Southwest Review*, XXI, 211-216 (Jan., 1936).

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Editor: "Problems of Educational Sociology as Seen by the Sociologists," *The Journal of Educational Sociology*, IX, 1-64 (Sept., 1935).

"Turgot—A Neglected Social Philosopher of the Eighteenth Century," *Social Science*, X, 213-218 (July, 1935).

"Culture as an Elementary Factor in Human Social Life," *Social Science*, X, 313-318 (Oct., 1935).

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"The Social Sciences and Religion," *Christian Education*, XIX, 176-185 (Feb., 1936).

"The Cost of Sociological Ignorance," *Archives pour la Science et la Réforme Sociales*, XIII^e Année, 149-154 (1936).

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"Quelques Théorèmes sur les Séries de Taylor Ayant des Lacunes Généralisées," *Comptes Rendus*, CLXXXIV, 1040-1043 (1927).

"On Generalized Lacunae," *American Journal of Mathematics*, XLIX, 407-418 (1927).

—(with D. V. Widder), "Une Généralisation d'un Théorème de M. Mandelbrojt," *Comptes Rendus*, CLXXXV, 829-831 (1927).

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—(with S. Mandelbrojt), "Sur les Fonctions Définies par une Série de Dirichlet," *Comptes Rendus*, CLXXXIX, 1057-1059 (1929).

"Mapping of a General Type of Three Dimensional Region on a Sphere," *American Journal of Mathematics*, LII, 197-224 (1930).

"Convergence and Summability Criteria for Fourier Series," *Quarterly Journal of Mathematics (Oxford Series)*, I, 252-275 (1930).

—(with S. Mandelbrojt), "On Entire Functions Defined by a Dirichlet Series," *American Journal of Mathematics*, LIII, 1-14 (1931).

"Note on the Green Function of a Star-shaped Three Dimensional Region," *American Journal of Mathematics*, LIII, 746-752 (1931).

"Note on a Theorem of Bôcher and Koebe," *Bulletin of the American Mathematical Society*, XXXVII, 591-596 (1931).

"Convergence Criteria for Double Fourier Series," *Transactions of the American Mathematical Society*, XXXV, 29-63 (1933).

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 "The Relation of the Moral to the Aesthetic Standard in Plato," *The Philosophical Review*, XLIII, 279-294 (May, 1934).
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 "Associated Algebraic and Partial Differential Equations," *Bulletin of the American Mathematical Society*, XLII, 222-225 (April, 1936).
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- *HARRAR, ELLWOOD SCOTT. Forestry.
 "A Stain Combination for Phloem Tissues of Woody Plants," *Botanical Gazette*, LXXXVI, 111-112 (1928).
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 —(with J. E. Lodewick), "Identification and Microscopy of Woods and Wood Fibers Used in the Manufacture of Pulp. Part I. Coniferous Pulpwoods," *The Paper Industry*, XV, 630-637 (1934).
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- (with Earl Jordan and Ruth O'Connor), "The Reactions of Aldoxime Derivatives with Bases. II. The Reactions of Carbethoxy- α -benzal-doximes with Sodium Hydroxide," *Journal of the American Chemical Society*, LVII, 2456-2458 (1935).
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- (with Charles R. Hauser and Ruth O'Connor), "The Reactions of Aldoxime Derivatives with Bases. II. The Reactions of Carbethoxy- α -benzal-doximes with Sodium Hydroxide," *Journal of the American Chemical Society*, LVII, 2456-2458 (1935).
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THE DEPARTMENT OF PUBLIC RELATIONS AND ALUMNI AFFAIRS

To the President of the University:

The work of the Department of Public Relations and Alumni Affairs was continued during 1935-36 largely along the lines indicated in the report for the preceding academic year. Some increase in personnel and the reorganization of certain features of the Department's program, necessitated by the rapid expansion of its activities, made possible increased efficiency and enlarged service. It is interesting to note, in this connection, that practically all these activities have been doubled, and some of them trebled, since the Department was organized seven years ago.

This rapid and constant increase in the scope of the service which the Department of Public Relations and Alumni Affairs has been called upon to render has made the question of enlarged space for its operations one of importance. It is earnestly hoped that some method may be devised within the near future whereby additional room may be provided. Particularly is the need of additional office space, so that certain activities may be separated to a greater extent, an urgent one.

In addition to the usual program, concerned largely with the handling of the University's contacts with the alumni and the public, particular attention was devoted during the latter part of the year to the matter of preliminary work incident to the celebration in the fall of 1938 and the spring of 1939 of the Centennial of the Origins of Trinity College. Considerable publicity matter was prepared, and in other ways the Department in both of its divisions was engaged in getting ready for active participation in the Centennial program.

DIVISION OF PUBLIC RELATIONS

A constant effort was made during the year to interpret to the public generally the aims and ideals of Duke University and to call attention as effectively as possible to the inner development of the institution, particularly in the matter of research and kindred work.

The scope of operations of the University News Service, under the very capable direction of A. A. Wilkinson, was expanded and special attention was directed in the news columns of the many papers to such vitally important things as the growth of the libraries, the expansion of research activities and the continued development of the Graduate School of Arts and Sciences. There is a constantly increasing and, needless to say, encouraging disposition on the part of the newspapers and press associations to feature educational news of this type as well as the more obvious features of University development, such as those relating to buildings and equipment, the size of student bodies, intercollegiate activities and other things which, although important, are of less real con-

sequence than the inner development referred to above. It has been the constant purpose in the preparation of news releases and general institutional matter to refrain from so-called "high pressure" publicity and statements of a more or less spectacular nature and, at the same time, to provide interesting and significant matter that will stand the test of real news standards. Not only have the needs of the daily and weekly papers and the press associations been given consideration, but so-called class publications in specialized fields have been furnished matter of timely interest to a greater extent than before. In connection with the valuable activities of the News Service, I desire to mention also the effective work done by Glenn E. Mann in the matter of athletic publicity.

It may be noted here that for the fifth consecutive year the University tendered to the newspaper men and women of the state, under the direction of the Department, a dinner in connection with the Mid-Winter Press Institute. This occasion, bringing to the campus as guests of the University leaders in the newspaper profession of North Carolina, has been growing in interest and importance each year.

Through the co-operation of the Durham and other radio stations this channel of publicity was used during the year to a greater extent than before. The most conspicuous and widespread employment of the radio in connection with University events was in connection with the Homecoming of 1936, when both the Columbia Broadcasting System and the National Broadcasting Company provided, with the co-operation of the Department and the University, nation-wide "hook-ups" on the Duke-Colgate football game and other Homecoming features. Incidentally, the Centennial will afford additional opportunity for radio co-operation.

Besides newspaper and radio publicity, there was issued during the year pictorial and other matter pertaining to the University. As indicated already, quite a bit of such matter had direct bearing upon plans for the Centennial and the objectives incident thereto. The requests for pictorial and other matter pertaining to Duke have been constantly increasing from year to year.

There was further development of the University Speakers' Bureau. More members of the Faculty co-operated in this matter than before, and the number of occasions of importance in this and other states, addressed by Duke representatives, was larger than ever. This has reference not only to Commencement occasions, but to important meetings and conferences in various lines. It is felt that such service, while rendered at times at some inconvenience, is of genuine benefit to those in attendance upon such occasions and incidentally aids the University in carrying its message to those far beyond the bounds of the campus. It is the intention of the Department to endeavor in every feasible way to expand this feature of the work.

Assistance was rendered from time to time during the year in the entertainment of visiting groups, particularly those representing learned societies and similar bodies. It appears that this is one of the very best methods of bringing to the attention of those both within and without the

academic field the things for which the University really stands and the work it is doing in the effort to attain its objectives. It is a type of public contact that is decidedly valuable.

The Division of Public Relations endeavored during the year to render service in every way possible to members of the University community. The Weekly Calendar was issued each Saturday; the service of the Information Office was expanded, both in relation to those on the campus and the public; assistance was rendered in connection with University events of various kinds. In brief, there was a constant effort to serve those on the campus, as well as those beyond its walls, in the belief that very often some of the most lasting contacts of a public nature have their origin in some bit of helpful service rendered to individuals within the University community itself.

The Bureau of Publications had charge, as usual, of the publication and distribution of the various catalogues and bulletins. The number of these has increased from year to year, and their handling constitutes one of the chief tasks of the Division. It is significant to note, in this connection, that approximately 750,000 separate pieces of mail were handled during the past year. Especially effective aid was rendered in this as well as in other features of the work by Charles A. Dukes, Assistant Director of Public Relations, and Miss Aurelia Adams, Secretary of the Department.

(The activities of the Duke University Press are treated in a separate report.)

DIVISION OF ALUMNI AFFAIRS

The work of the Division of Alumni Affairs during the year 1935-36 was directed toward the accomplishment of six chief objectives:

- (1) To intensify alumni interest and co-operation in the program of Duke University through personal contacts, letters, publications, and in other ways;
- (2) To encourage the formulation of an all-the-year program for local alumni groups;
- (3) To stimulate gifts to scholarship and other causes by local and class groups and individual alumni;
- (4) To put the financing of the alumni program on a more substantial basis;
- (5) To get in closer touch with students on the campus, the future alumni of the institution, to the end that when they go out from Duke they will be acquainted to a certain extent, at least, with the Alumni Office personnel, its aims, and objectives;
- (6) To render service to alumni in connection with the Appointments Office.

Members of the Alumni Office Staff made numerous contacts during the year with alumni, particularly officers of local associations. The amount of correspondence with former students along different lines reached a new high mark. The constant effort was made, through *The Register* and in other published matter, to keep the alumni in as close

touch as possible with the institution. The various alumni occasions on the campus, such as the Homecoming events, the May Day fete, and Commencement occasions, were unusually successful.

The number of local alumni associations inaugurating all-the-year programs was peculiarly gratifying. A score or more went into the matter in a definite way, and practically all of them held one or more spring meetings, in addition to the Duke University Day dinner in December. The all-the-year program movement is being encouraged in every possible way.

Seventeen class and local alumni groups were at work on definite gifts for the institution, in movements for loan funds or scholarships or in other ways. This is a form of definite co-operation that offers real possibilities. In some cases specific gifts were made, and in others funds were started which will be made available for definite purposes later.

The total of individual contributions to the work of the Alumni Office was materially increased, though the number of those co-operating in the financing of the alumni program is still far less than it should be. To my mind this is one of the weakest points in the alumni situation and an intensive effort is being made to correct the defect.

Efforts inaugurated during the year, and continued since that time, to keep in closer touch with students on the campus have already been productive of encouraging results. Sons and daughters of Duke alumni were entertained at dinner during the spring and a definite organization known as "The Sons and Daughters of Duke Alumni" was formed with P. H. Hanes, Jr., as president. Members of the Senior Class were entertained at a picnic supper in the first of a series of annual events of this kind, and in numerous ways efforts were made to contact the future alumni in the various classes of the institution.

Some good results were achieved through the Appointments Office in the matter of bringing Seniors and alumni in touch with business organizations and individuals interested in securing their services, and a diligent effort is being made to strengthen this feature of the work. It is growing to such an extent that the employment of a full-time executive to give his entire time and attention to the Appointments Office will soon be needed, in my opinion.

Five new local alumni groups were organized during the year. The number of Duke University Day meetings established a new high record.

Figures regarding the distribution of alumni and alumnae as of June 30, 1936, reveal some interesting facts:

There are 10,528 located alumni; 74 local associations; 42 organized classes; 31 countries outside the United States are represented in the alumni lists; also every state in the Union, and every county in North Carolina; the records show a total of 4,327 alumni and 1,683 alumnae from North Carolina, an aggregate of 6,010; 3,304 alumni and 1,082 alumnae from out of the state, a total of 4,386; 110 alumni and 22 alumnae now living in foreign countries, a total of 132.

Duke alumni and all connected with the institution were saddened during the year by the passing of Colonel John D. Hodges, of Davie County, the oldest man holding a degree from Trinity College, and one devoted at all times to the institution and its ideals. With Colonel Hodges's death, Mr. C. B. Townsend, of Lumberton, N. C., became the oldest living alumnus.

Divisional groups among the alumni were active during the year, the Law School Alumni and the School of Religion Alumni both doing effective work. It is expected that other divisional groups will be organized. The only complete directory yet published is that of the Law School Alumni, but plans for the publication of a General Alumni Directory have not been abandoned, by any means. I hope sincerely that the records will be sufficiently complete to justify the publication of such a directory in time for the Centennial.

At the 1936 Commencement the Alumni and Alumnae Councils went on record as being solidly behind the movement for the celebration of the Centennial of the Origins of Trinity College and pledging themselves to give all possible support in the program for the celebration itself and in the preliminary work incident thereto. This action was enthusiastically ratified by the General Alumni and Alumnae Associations. Committees will be organized at an early date to direct the work of alumni participation.

Certain reorganization within the Division of Alumni Affairs because of the rapid development of alumni activities, which was referred to in my last report, was made effective and good results are being achieved. James R. Simpson, Assistant Director in Charge of Alumni Activities, and Miss Elizabeth Aldridge, Assistant Director in Charge of Records and Alumnae Activities, are accomplishing, with the aid of their assistants, results that are decidedly worth while. I desire to give expression to my appreciation of their untiring and successful efforts, and of the loyal and effective service being rendered by all the members of the Department.

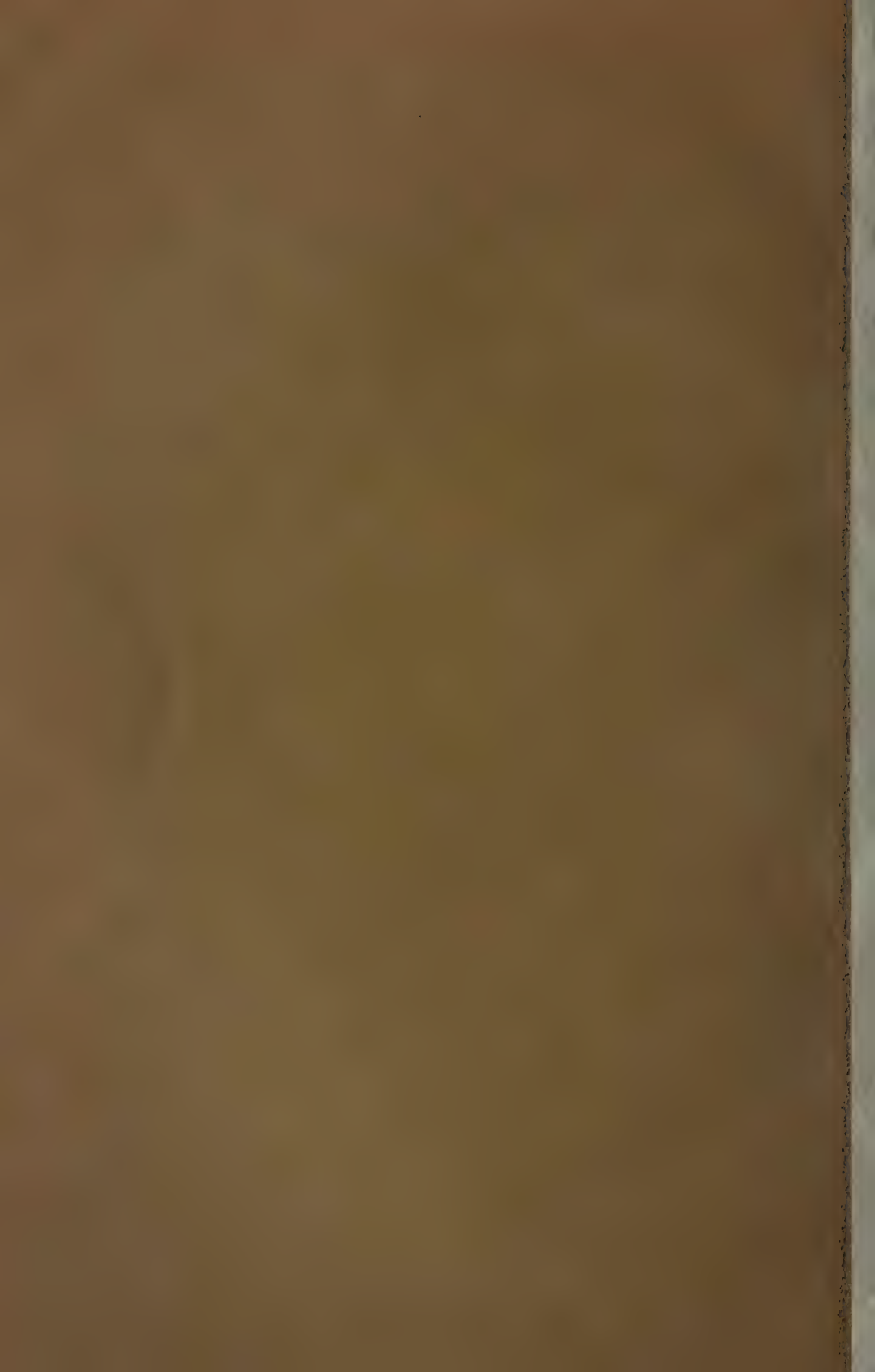
HENRY R. DWIRE,

Director of Public Relations and Alumni Affairs.

INDEX

- Activities
 - Recreational, 78
 - Student, 78
- Admissions, 58, 74
 - Selective, 58, 74
 - Validity of tests of, 58
- Centennial Celebration, preparations
 - for, 7, 8-9, 138, 164
- Curriculum, 26-27
- Dean's List, 33
- Death
 - Of friends, 7
 - Of Staff, 8
 - Of Trustees, 7
- Distribution of students, 30-31, 59
- Dormitories, need of, 8-9, 99
- Emphasis, religious, 92
- Enrollment, statistics of, 60, 73, 84, 88, 94, 100, 117
- Faculty setup, 9-10
- Fellowships, need of, 9, 85
- Forest, The Duke, 104
 - Activities of Staff, 116
 - Arboretum, 115
 - Educational program, 115
 - Emergency Conservation Work, 104
 - Fire protection, 107
 - Forest operations, 107
 - Forest planting, 108
 - Forest research, 112
 - Foresters' meeting, 106
 - Graduate work, 115
 - Improvement of Forest houses, 111
 - Marketing of Forest products, 110
 - National Youth Administration, 106
 - Publications, 115, 142
 - Public use of Forest, 111
 - Silvicultural operations, 109
 - Visitors, 116
- Fraternities
 - Scholarship, 68
 - Sororities, 80
- Graduate Faculty
 - Publications of, 85-86
 - Research activities of, 85-86
- Graduate School of Arts and Sciences, The, 84
 - Centennial Celebration, preparations for, 85
 - Degrees conferred, 87, 88
 - Enrollment, 84, 88
 - Growth, 84
 - Library, expansion of, 8-9, 85
 - Need of endowed fellowships in, 85
 - Organization of Graduate School Office, 89-90
 - Placement, of students, 89
 - Publication, of accepted theses, 86
 - Sabbatical leaves of absence, 86
 - Training of teachers in, 89
- Health, student, 68
- Honors work, 29
- Law, The School of, 97
 - Alumni directory, 99
 - Curriculum, 98
 - Dormitory, 99
 - Duke Bar Association, 97
 - Library, 98, 133
 - Publications, 97
 - Publications of Faculty, 98
- Libraries, The University, 127
 - General Library, 127
 - Activities of the Staff, 134
 - Circulation and cataloguing statistics, 133
 - General Education Board Grant, 130
 - Gift of the New Hampshire State Library, 131
 - Growth, 127
 - Immediate Needs, 135
 - Important additions of the year, 127
 - Library statistics, 136
 - Other gifts and exchanges, 131
 - The Friends of the Duke University Library, 132
 - The George Washington Flowers Collection, 129
 - The Mary Elizabeth Duke Lyon Fund, 130
 - The Thomas Collection, 130
 - The Undergraduate in the Library, 132
 - Law School Library, 98, 133
 - Medical School Library, 101, 133
 - The Woman's College Library, 77, 132
- Medicine, The School of, 100
 - Enrollment, 100
 - Gifts, 101-102

- Growth, 100, 103
- Lecturers, 100-101
- Library, 101, 133
- Needs, 102-103
- New equipment, 101
- Research, 102, 154
- Student Health Service, 102
- Symposium, 100
- President of Duke University, report of, 7
- Centennial Celebration, plans for, 7, 8-9
- Centennial Fund, 7
- Death of friends of the University, 7-8
- Departmental co-operation, 12-15
- Departmental reorganization, 10
- Development of Forest, 17
- Duke Press, publications of, 16-17, 138-139
- Faculty setup, 9-10
- Fellowships, need of, 9, 15
- Graduate School, problems of, 10-11
- Growth of Library, 16
- Institutional co-operation, 18
- Library co-operation, 16, 18, 130
- Southern University Conference, 18-19
- Press, Duke University, 138
 - Books, issued by, 138
 - Centennial publications, 138
 - New publications, 138
 - Periodicals issued by, 139
 - Personnel of, 139
- Public Relations and Alumni Affairs.
 - Department of, 160
 - Alumni Affairs, Division of, 162
 - Alumni groups, 162-163
 - Centennial Celebrations, preparations for, 164
 - Organization, 164
 - Bureau of Publications, 162
 - Miscellaneous Service, 161
 - Public Information Service, 162
- Public Relations, Division of, 160
 - Needs of Department, 160
 - Speakers' Bureau, 161
 - University News Service, 160
- Publications by the Faculties, 142
 - Duke Forest, 142
 - Graduate School, 142
 - School of Law, 153
 - School of Medicine, 154
 - School of Religion, 152
 - Undergraduate Colleges, 142
- Religion, The School of, 91
 - Activities of the Faculty of, 94
 - Addition to Faculty, 92
 - Additions to Library, 91-92
 - Alumni Association, 93
 - Bulletin* of, 93
 - Clubs, 92-93
 - Enrollment, 91, 94
 - Junaluska School of Religion, 94
 - Lecturers, 92
 - Publications, 94, 152
- Research, Council on, 140
 - Funds for, 140
 - Publications, 142
 - Research, 141
- Scholarships, need of, 9, 15
- Summer School, The, 117
 - Enrollment, 117
 - Graduate work, 120
 - Holding power, 122
 - Public school teachers in, 126
- Trinity College, 25
 - Admissions, 1935-36, 58
 - Astronomy, 25
 - Curriculum, 26-27
 - Dean's List, 33
 - Departmental Honors, 32
 - Distribution of students, by departments, 30; by groups, 31
 - Examinations, 27
 - Extracurricular activities, 69
 - Freshmen, 59, 70-72
 - General Honors, 32
 - Geology, 28
 - Honors work, 29
 - Instruction in 1935-36, 34
 - Needs of, 25
 - Personal work, 69
 - Student health, 68
 - Student scholarship, 28
 - Undergraduate instruction, 26
- Woman's College, The, 73
 - Academic work, 75-76
 - Admissions, 74
 - Enrollment, 73-74
 - Extracurricular activities, 79
 - Health, 77
 - Needs of, 77, 83
 - Religious life, 82
 - Vocational guidance, 76-77



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*The Graduate School of
Arts and Sciences*



1936-1937

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THE GRADUATE SCHOOL
OF ARTS AND SCIENCES



1936-1937
ANNOUNCEMENTS FOR 1937-1938

DURHAM, NORTH CAROLINA
1937

TABLE OF CONTENTS

	PAGE
UNIVERSITY CALENDAR.....	5
OFFICERS OF ADMINISTRATION.....	7
OFFICERS OF INSTRUCTION.....	8
HOLDERS OF FELLOWSHIPS AND SCHOLARSHIPS.....	13
GRADUATE INSTRUCTION: GENERAL STATEMENT.....	19
APPOINTMENTS TO FELLOWSHIPS AND SCHOLARSHIPS.....	24
REQUIREMENTS FOR ADMISSION AND DEGREES.....	27
COURSES OF INSTRUCTION.....	33
GRADUATE COURSES IN THE SCHOOL OF MEDICINE.....	72
GRADUATE WORK IN THE SUMMER SCHOOL.....	74
FEES AND OTHER EXPENSES.....	75
ADVANCED DEGREES CONFERRED JUNE, 1936.....	78
LIST OF GRADUATE STUDENTS.....	82
SUMMARY	137

CALENDAR

1937

- | | |
|-------|---|
| June | 9. Wednesday—Registration of students for Summer School, first term. |
| June | 10. Thursday—Instruction begins for Summer School, first term. |
| July | 1. Thursday—Registration of students for Summer School, middle term. |
| July | 2. Friday—Instruction begins for Summer School, middle term. |
| July | 5. Monday—Independence Day: a holiday. |
| July | 19-20. Monday, Tuesday—Final examinations for Summer School, first term. |
| July | 21. Wednesday—Registration of students for Summer School, last term. |
| July | 21. Wednesday, 2:30 P.M.—Instruction begins for Summer School, last term. |
| Aug. | 10-11. Tuesday, Wednesday—Final examinations for Summer School, middle term. |
| Aug. | 30-31. Monday, Tuesday—Final examinations for Summer School, last term. |
| Sept. | 22. Wednesday, 11:00 A.M.—Formal opening of the College; registration of matriculated students. |
| Sept. | 23. Thursday—Instruction for Sophomores, Juniors, and Seniors begins. |
| Sept. | 23-25. Thursday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-4:00 P.M.; Friday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-5:00 P.M.; Saturday, 9:00 A.M.-1:00 P.M.—Registration of graduate students. |
| Oct. | 15. Friday—Last day for submitting thesis subjects for the degree of Doctor of Philosophy. |
| Nov. | 1-6. French examination for candidates for graduate degrees. Candidates register in the Graduate Office for these examinations before October 29. |
| Nov. | 8-13. German examination for candidates for graduate degrees. Candidates register in the Graduate Office for these examinations before November 1. |
| Nov. | 11. Thursday—Armistice Day. |
| Nov. | 15. Monday—Last day for submitting thesis subjects for the degrees of Master of Arts and Master of Education. |
| Nov. | 25. Thursday—Thanksgiving Day: a holiday. |
| Dec. | 11. Saturday—Duke University Day. |
| Dec. | 18. Saturday, 1:00 P.M.—Christmas recess begins. |

1938

- Jan. 3. Monday, 8:00 A.M.—Instruction is resumed.
- Jan. 10-19. Reading period.
- Jan. 20. Thursday—Mid-year examinations begin.
- Jan. 28-31. Registration of graduate students for second semester.
- Feb. 1. Tuesday—Second semester begins.
- Feb. 22. Tuesday—Washington's Birthday.
- March 7-12. French examinations for candidates for graduate degrees. Candidates register in Graduate Office for these examinations before March 1.
- March 14-19. German examinations for candidates for graduate degrees. Candidates register in Graduate Office for these examinations before March 1.
- March 15. Tuesday—Last day for applying for University fellowships, graduate assistantships, and graduate scholarships.
- March 30. Wednesday, 1:00 P.M.—Spring vacation begins.
- April 6. Wednesday, 8:00 A.M.—Instruction is resumed.
- May 2. Monday—Last day for submitting theses for degree of Doctor of Philosophy.
- May 2-16. Reading period.
- May 16. Monday—Last day for submitting theses for degree of Master of Arts.
- May 23. Monday—Final examinations begin.
- June 4. Saturday—Commencement opens; Senior Class Day; meeting of the Board of Trustees.
- June 5. Sunday—President's Address to Graduating Class; Commencement Sermon.
- June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

OFFICERS OF ADMINISTRATION

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D.
President

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Vice-President in the Business Division

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PAUL MAGNUS GROSS, B.S., A.M., Ph.D.

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ELBERT RUSSELL, A.B., A.M., Ph.D.

***JOSEPH MILLER THOMAS, A.B., Ph.D.

WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D.

ALBAN GREGORY WIDGERY, B.A., M.A.

* For second semester, 1936-1937.

** On leave, second semester 1936-1937.

*** On leave, 1936-1937.

INSTRUCTIONAL STAFF

The date denotes the first year of service.

- *ADAMS, DONALD KEITH, (1931) A.B., M.A., Ph.D.
Assistant Professor of Psychology Cornwallis Road
- ADAMS, RUTH MARGERY, (1930) B.A., M.A., Ph.D.
Assistant Professor of Botany 1003 Lamond Avenue
- ANDERSON, CHARLES ROBERTS, (1930) A.B., A.M.
Assistant Professor of English 516 Carolina Circle
- ANDERSON, LEWIS EDWARD, (1937) B.S., A.M., Ph.D.
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- BAUM, PAULL FRANKLIN, (1922) A.B., A.M., Ph.D.
Professor of English 103 Faculty Apartments, East Campus
- BERNHEIM, FREDERICK, (1930) A.B., Ph.D.
Associate Professor of Physiology and Pharmacology
 Woodridge Drive, Rockwood
- BERNHEIM, MARY LILAS CHRISTIAN, MRS., (1930) B.A., M.A., Ph.D.
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Professor of Botany 1305 B Street
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Instructor in Physics
- BOYD, WILLIAM KENNETH, (1906) A.B., A.M., Ph.D.
Professor of History Hope Valley
- *BRANSCOMB, BENNETT HARVIE, (1925) A.B., B.A., M.A., Ph.D.
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Professor of Educational Psychology Hope Valley
- CANNON, JAMES, III, (1919) A.B., A.M., Th.B., Th.M.
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 Chelsea Circle, Hope Valley
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 11 Bickett Apartments

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- CLYDE, PAUL HIBBERT, (1937) A.B., A.M., Ph.D.
Associate Professor of History Duke University
- COILE, THEODORE STANLEY, (1935) B.S.F., M.F.
Assistant Professor of Forestry Duke University
- COLE, ROBERT TAYLOR, (1935) A.B., A.M., Ph.D.
Associate Professor of Political Science 512 Watts Street
- CONANT, NORMAN FRANCIS, (1935) B.S., A.M., Ph.D.
Associate in Bacteriology and Mycology Tuscaloosa Forest
- CONSTANT, FRANK WOODBRIDGE, (1930) B.S., Ph.D.
Assistant Professor of Physics Hermitage Court
- COWPER, FREDERICK AUGUSTUS GRANT, (1918) A.B., A.M., Ph.D.
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- DE VYVER, FRANK TRAVER, (1935) A.B., A.M., Ph.D.
Assistant Professor of Economics 214 Swift Avenue
- EADIE, GEORGE SHARP, (1930) M.A., M.B., Ph.D.
Professor of Physiology and Pharmacology Hope Valley
- EASLEY, HOWARD, (1930) A.B., M.A., Ph.D.
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- EDWARDS, CHARLES WILLIAM, (1898) A.B., A.M., B.S.
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Assistant Professor of Economics
- ELLIOTT, WILLIAM WHITFIELD, (1925) B.A., M.A., Ph.D.
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- ELLWOOD, CHARLES ABRAM, (1930) Ph.B., Ph.D., LL.D.
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- EVERETT, JOHN WENDELL, (1932) A.B., Ph.D.
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* On leave, first semester, 1937-1938.

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- HICKSON, ARTHUR OWEN, (1929) A.B., A.M., Ph.D.
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- HILL, DOUGLAS, (1931) A.B., M.A., Ph.D.
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- HOLLINSHEAD, WILLIAM HENRY, (1931) B.A., M.S., Ph.D.
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Professor of Sociology 143 Pinecrest Road
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- LANNING, JOHN TATE, (1927) A.B., A.M., Ph.D.
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- LAPRADE, WILLIAM THOMAS, (1909) A.B., Ph.D.
Professor of History 1108 Monmouth Avenue
- LEONARD, HENRY SIGGINS, (1937) A.B., A.M., Ph.D.
Assistant Professor of Philosophy
- LINEBARGER, PAUL M. A., (1937) A.B., Ph.D.
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* On leave, 1937-1938.

- LUNDEBERG, OLAV, (1931) A.B., A.M., Ph.D.
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Visiting Instructor in Psychology
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- MANCHESTER, ALAN KREBS, (1929) A.B., A.M., Ph.D.
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- MARIA, ALFRED JOSEPH, (1935) B.S., A.M., Ph.D.
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Associate Professor of Forestry 2307 Club Boulevard
- MILES, EDWARD ROY CECIL, (1929) B.S., M.A., Ph.D.
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- MOUZON, JAMES CARLISLE, (1932) B.A., Ph.D.
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* On leave, first semester, 1937-1938.

- RANKIN, ROBERT STANLEY, (1927) A.B., A.M., Ph.D.
Professor of Political Science Manchester Apartments
- RANKIN, WILLIAM WALTER, JR., (1926) B.E., M.A.
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- RATCHFORD, BENJAMIN ULYSSES, (1928) B.S., A.M., Ph.D.
Assistant Professor of Economics 2030 Englewood Avenue
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philologie classique, Louvain
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- SMITH, HILRIE SHELTON, (1931) A.B., Ph.D., D.D.
Professor of Religious Education 1523 Hermitage Court
- SPENCE, HERSEY EVERETT, (1918) A.B., A.M., B.D.
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- SYDNOR, CHARLES SACKETT, (1936) A.B., Ph.D.
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* On leave, 1937-1938.

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 University Drive, Rockwood
- THOMAS, JOSEPH MILLER, (1930) A.B., Ph.D.
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 Duke University
- THOMPSON, EDGAR T., (1935) A.B., A.M., Ph.D.
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 512 Watts Street
- VOLLMER, CLEMENT, (1926) A.B., A.M., Ph.D.
Professor of German
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- VON BECKERATH, HERBERT, (1935) Ph.D.
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 Chapel Hill, N. C.
- VOSBURGH, WARREN CHASE, (1928) B.S., M.S., Ph.D.
Professor of Chemistry
 2319 Englewood Avenue
- WALTON, LORING BAKER, (1929) Lic. es. L.
Assistant Professor of Romance Languages
 1012 Green Street
- WAY, VERNON ELGIN, (1930) A.B., A.M., M.A.
Assistant Professor of Greek
 1004 Urban Avenue
- WEBB, ALBERT MICAIAH, (1903) A.B., A.M.
Professor of Romance Languages
 1017 W. Trinity Avenue
- WHITE, NEWMAN IVEY, (1919) A.B., A.M., Ph.D.
Professor of English
 Chelsea Circle, Hope Valley
- *WIDGERY, ALBAN GREGORY, (1930) B.A., M.A.
Professor of Philosophy
 Pinecrest Road
- WILSON, ROBERT NORTH, (1910) A.B., M.S.
Professor of Chemistry
 822 Third Street
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Professor of Political Science
 216 Forest Wood Drive
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 924 Urban Avenue
- YATES, ANNE, (1933) A.B., A.M., Ph.D.
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 Remie Road
- ZENER, KARL EDWARD, (1928) A.B., A.M., Ph.D.
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 416 Carolina Circle

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- Altland, Paul Daniel, Jr. Zoology Cook St.
 B.S., Gettysburg College; A.M., Duke
- Anderson, Marcia Lee English 2404 Club Blvd.
 A.B., Bryn Mawr College
- Bates, Roger Gordon Chemistry 209 House Q
 B.S., Massachusetts State College; A.M., Duke
- Beck, Lewis White Philosophy 602 Buchanan Blvd.
 A.B., Emory; A.M., Duke
- Bettersworth, John Knox History 104 House B
 A.B., Millsaps College
- Bowden, William Robert, Jr. English 201 House B
 A.B., Haverford College

* On leave, first semester, 1937-1938.

Brown, James Wilson B.S., University of Maryland	Forestry	Duke University
Correll, Donovan Stewart A.B., A.M., Duke	Botany	204 Epworth
*Culbreth, Sarah Elizabeth A.B., A.M., Duke	Zoology	307 Watts St.
Duncan, Wilbur Howard A.B., A.M., Indiana	Botany	206 Watts St.
George, Theodore Samuel B.S., Grove City College; A.M., Duke	Mathematics	602 Buchanan Blvd.
Hard, Walter Leon A.B., Albion College	Zoology	Cook St.
Henderson, Alfred James A.B., A.M., University of Rochester	History	303 House C
Key, Francis Bromley B.S., Washington and Lee	Physics	910 Markham Ave.
King, Joseph Jerone, Jr. A.B., Stanford	Economics	1506 Duke Univ. Rd.
McNicol, Robert Edwards A.B., University of Miami; A.M., Duke	History	204 House C
Mounts, Charles Eugene A.B., A.M., University of Florida	English	1007 W. Trinity Ave.
†Oliver, Henry Madison, Jr. A.B., Southwestern; A.M., Duke	Economics	1506 Duke Univ. Rd.
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Renfrow, William Burns, Jr. B.S., Furman; A.M., Duke	Chemistry	209 House Q
Savely, Harvey Epperson, Jr. B.S., Mississippi State College	Zoology	903 Sixth St.
Schopmeyer, Clifford Scharff B.S., George Washington; M.S., University of Maryland	Forestry	105 House B
Searcy, Hubert A.B., Birmingham-Southern College; A.M., Duke	Political Science	203 Faculty Apts.
Stirewalt, Martin Luther, Jr. A.B., Lenoir-Rhyne College; A.M., Duke	Greek	1505 Duke Univ. Rd.
Wang, Yen-chieh B.S., National Tsing Hua; M.S., Cornell	Forestry	704 Buchanan Blvd.
Wiley, Edward Emerson, Jr. A.B., Emory and Henry College; B.D., Duke	Religion	103 House B
Wood, Gordon Reid A.B., Davidson College	English	Duke University

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Darkis, Frederick Randolph B.S., M.S., Ph.D., University of Maryland	Chemistry	2300 Club Blvd.
McLean, Ruth A.B., Woman's College of U. N. C.; M.A., Duke	Chemistry	2114 Myrtle Drive

* Resigned Oct. 17, 1936.

† Resigned Feb. 1, 1937.

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Ayers, John Carr	Zoology	1507 Duke Univ. Rd.
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Barnes, William Speight	Physics	1101 Glenwood Ave.,
A.B., Duke; J.D., University of Arizona		Raleigh, N. C.
*Blackwell, Henry Conrad	Sociology	813 Buchanan Blvd.
B.Ph., Emory; A.M., Duke		
Bogges, William Randolph	Botany	704 Buchanan Blvd.
A.B., Concord State Teachers College		
Brewster, Lawrence Fay	History	903 Sixth St.
A.B., College of William and Mary; A.M., Columbia		
Bright, Robert Dietrich	Chemistry	107 House B
A.B., Dartmouth College		
Burt, Everett Johnson, Jr.	Economics	1506 Duke Univ. Rd.
A.B., Berea College		
Christenson, James Andreas, Jr.	Psychology	604 Gregson St.
A.B., Harvard		
Clayton, William Joseph	Chemistry	504 Gattis St.
A.B., Southeastern Teachers College; A.M., Duke		
Coy, Nettie Helena	Physics	102 Aycock
A.B., University of New Brunswick; A.M., Columbia		
Derrickson, Mary Burton	Zoology	308 Faculty Apts.
A.B., Goucher College; A.M., Syracuse		
Dickerson, Robert Turpin	Physics	207 House B
A.B., Duke		
Dowling, Delphine Louise	Botany	306 Faculty Apts.
A.B., Barnard College; A.M., Columbia		
Eggers, Graydon Poe	English	104 House A
A.B., Carson-Newman College; A.M., Duke		
Feister, Irving	Physics	109 Epworth
A.B., Harvard		
Firebaugh, Joseph Jesse	English	1305 B St.
A.B., University of Colorado		
Garren, Kenneth Howard	Botany	704 Buchanan Blvd.
A.B., Duke		
Garrison, John Leland	English	2212 Erwin Road
A.B., Duke		
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Havens, Ralph Murray	Economics	1301 Duke Univ. Rd.
A.B., Baker; M.B.A., University of Kansas		
Hopkins, John Isaac	Physics	801 Club Blvd.
B.S., A.M., Duke		

* Resigned Feb. 1, 1937.

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B.S., University of the South		
Ligon, Edgar William, Jr.	Zoology	1004 Minerva Ave.
B.S., University of Richmond		
McCurdy, Harold Grier	Psychology	817 Second St.
A.B., Duke		
McNeill, Ellis Meade	Botany	704 Buchanan Blvd.
A.B., Concord State Teachers College; M.S., West Virginia		
Mangrum, James Freed	Zoology	704 Buchanan Blvd.
B.S., West Tennessee State Teachers College; M.S., University of Tennessee		
Martin, Abram Venable, Jr.	Mathematics	1506 Duke Univ. Rd.
A.B., Presbyterian College		
Miller, Paul	Mathematics	2501 Club Blvd.
U. S. Naval Academy		
Morton, Louis	History	206 Epworth
B.S., A.M., New York University		
Nelson, Melvin Frederick	Political Science	818 Third St.
B.S., Mississippi State College; A.M., Municipal University of Omaha		
Peck, Robert Lawrence	Chemistry	1023 Gloria Ave.
B.S., Duke		
Pettengill, Rita Barbara	Chemistry	307 Faculty Apts.
A.B., Smith College		
Pohl, Herbert Ackland	Chemistry	1206 Vickers Ave.
A.B., Duke		
Powell, Donald Moore	English	1004 Minerva Ave.
A.B., Swarthmore College		
Roney, William Hamilton	Sociology	914 W. Markham Ave.
A.B., Occidental College; A.M., University of Michigan		
Schlesinger, Willard Raphael	Political Science	1009 Dacian Ave.
A.B., Duke		
Seigler, Milledge Broadus	English	304 House L
A.B., Furman; A.M., Duke		
Seitz, Clifford Peter	Psychology	320 Southgate
A.B., A.M., Columbia		
Snyder, William Ulrich	Psychology	320 Southgate
A.B., Gettysburg College		
Storey, George Gilbert	English	203 House B
A.B., Geneva College		
Stuckey, James Morlan	Chemistry	1014 Lamond Ave.
B.S., Centenary College		
Taylor, Charles Theodore	Economics	Southgate
B.S., University of Arizona		
Taylor, Henry Liles	Economics	206 House Q
A.B., Duke		
Triplett, Edna Bernadine	English	307 Faculty Apts.
A.B., Queens College; A.M., Duke		

Vermillion, Herbert Edward B.S., Monmouth College	Chemistry	1000 Lamond Ave.
*Ward, William Smith A.B., Georgetown College; A.M., Harvard	English	302 House B
Watson, Karl Brantley, Jr. B.S., A.B., University of Chattanooga; A.M., Duke	Education	216 Epworth
Wharton, George Willard, Jr. B.S., Duke	Zoology	1023 Gloria Ave.
Williams, Myra Allene A.B., Winthrop College; A.M., University of South Carolina	Zoology	108 Aycock
Wilson, John Woodrow B.S., Duke	Zoology	905 Monmouth Ave.
Woodall, John Burwell A.B., Duke	History	104 House D
Young, DeWalt Secrist A.B., Cornell	Chemistry	1014 Lamond Ave.
Ziegler, Lyman Huntington A.B., Yale	Sociology	2110 Wilson St.

GRADUATE SCHOLARS

Ayers, Archie Raymond B.S., University of South Carolina	Physics	109 Epworth
Bagby, James Willis, Jr. B.S., East Tennessee State Teachers College	Education	906 N. Gregson St.
Barnes, Annette A.B., A.M., Duke	Romance Languages	1011 Monmouth Ave.
Bolen, Claude Waldron A.B., Emory and Henry College; A.M., Duke	History	103 House B
Calfee, John Douglas A.B., Park College; M.S., University of Tennessee	Chemistry	104 Urban Ave.
Crandall, Gilbert Albert A.B., St. John's College	History	104 House B
**Creegan, Robert Francis A.B., Marietta College	Philosophy	602 Buchanan Blvd.
Dale, William Pratt, II A.B., A.M., Duke	History	300 Monmouth Ave.
Fike, Cora Ruth A.B., Bridgewater College	Mathematics	215 Faculty Apts.
Foster, Hazel Elisabeth A.B., Hood College	Political Science	307 Faculty Apts.
Garner, Ralph Everett A.B., A.M., Nebraska Wesleyan	Psychology	114 Epworth
Giesey, Jean Campbell A.B., Barnard College; A.M., Columbia	Psychology	402 Buchanan Blvd.
Gilmer, Lula Jane A.B., College of William and Mary	Religion	108 Aycock
Hallowell, John Hamilton A.B., Harvard	Political Science	1000 Lamond Ave.

* Resigned, Feb. 1, 1937.

** A.B. to be conferred June, 1937.

Harrison, Francis Eugene, Jr. B.S., The Citadel; A.M., Duke	Romance Languages	105 House C
Holder, Ray A.B., A.M., University of Mississippi	History	212 Watts St.
Jacobs, Donald Harry B.S., Rutgers	Physics	1004 Minerva Ave.
Johnson, Keith Whitaker A.B., University of Kansas	Economics	606 N. Gregson St.
King, James Ervin, Jr. A.B., Harvard	Political Science	107 W. Markham Ave.
Lanckton, Arthur Leroy A.B., Amherst College	Mathematics	214 Epworth
Miller, William Long B.B.A., University of Chattanooga	Economics	333 Southgate
Nakamura, Junichi Hiroshima University	English	806 Sixth St.
Oxford, Julia Mae A.B., Bessie Tift College; A.M., University of Georgia	Psychology	308 Faculty Apts.
Pratt, Lanier Ward A.B., Davidson College	Romance Languages	105 Epworth
Rawlings, Kenneth Winn A.B., Kentucky Wesleyan College; A.M., University of Kentucky	History	331 Southgate
Scovel, Jackson A.B., University of Oklahoma	Greek	1701 Club Blvd.
Singer, Armand Edwards A.B., Amherst College	Romance Languages	2102 Englewood Ave.
Stadthagen, Heinz A.B., Bethany College; A. M., Duke	Economics	222 Epworth
Steer, Alfred Gilbert, Jr. A.B., Haverford College	German	214 Epworth
Thomas, Mary Elizabeth A.B., A.M., University of Arkansas	History	306 Faculty Apts.
Tobin, Catherine Elizabeth A.B., College of Charleston	Latin	302 Faculty Apts.
Turquette, Atwell Rufus A.B., University of Arkansas	Mathematics	818 Sixth St.
White, Mary Rebecca A.B., Fairmont State Teachers College; A.M., Duke	Latin	204 Aycock
Wright, James Clyde A.B., Muskingum College	Psychology	1111 Urban Ave.

GRADUATE INSTRUCTION IN DUKE UNIVERSITY

GENERAL STATEMENT

Prior to 1916 there was no separate organization within Trinity College to promote and supervise graduate studies. However, there had been for many years a limited number of graduate students who completed a year of postgraduate work and received the degree of Master of Arts. The work of such students was supervised through the office of the Dean of Trinity College. Many of these graduate students went out from Trinity College to continue their studies at other colleges and universities and later achieved distinction as teachers and scholars.

In September, 1916, President Few appointed a Committee on Graduate Instruction to deal with the problems involved in the promotion and administration of graduate work. In that year there were six graduate students in the College, and seven graduates of the College were enrolled in the professional School of Law. During and immediately after the World War the number of graduate students remained small, but by the year 1923-24 the graduate enrollment had increased to thirty-five exclusive of the college graduates enrolled in the School of Law.

The growing importance of graduate work in Trinity College caused the Committee on Graduate Instruction, during the first semester of the year 1923-24, to make a careful study of requirements for admission to graduate work, of requirements for advanced degrees, and of other conditions affecting standards of graduate instruction. A comprehensive report was prepared by the Committee and adopted by the Faculty. Provision was made for the granting of two advanced degrees, Master of Arts and Master of Education. Regulations were adopted which increased the distinction between graduate and undergraduate work. A thesis requirement was made for every candidate for a graduate degree, and provision was made for the examination of theses by Faculty committees. The Committee on Graduate Instruction undertook a closer supervision of graduate courses and of the work of graduate students.

Thus, when Trinity College became Duke University in December, 1924, noteworthy progress had already been made in organizing a graduate department with advanced courses in many fields of study and with high standards. In accepting Mr. Duke's great benefaction, the Trustees definitely included a graduate school of arts and sciences as a member of the University organization.

In the academic year 1926-27 a Council on Graduate Instruction was established in the University to exercise a general supervision over graduate work in arts and sciences, and Professor William H. Glasson was appointed Dean of the Graduate School of Arts and Sciences.

THE LIBRARY

The total number of volumes in the University Library on June 30, 1936, was 452,444 volumes. These are distributed among four main units: the General Library with 341,968 volumes; the Hospital (Medical) Library, 31,908 volumes; the Library of the Law School, 50,633 volumes; and the Woman's College Library, 27,935 volumes.

The work of students in the Graduate School is carried on primarily in the General Library. A Graduate Reading Room, which contains the reference material most in demand, provides a quiet and convenient place for study. Graduate students are also admitted freely to the stacks. Within the stacks are located 108 carrells or desks which are assigned on an annual basis, preference being given to students in the Graduate School. To facilitate work in the natural sciences the General Library maintains departmental libraries adjacent to laboratories for the Departments of Chemistry, Physics, and Biology. A departmental library is also maintained for the School of Religion.

In the field of mathematics and the sciences particular attention has been given to securing files of important journals and serials. A check-list of all scientific periodicals and serials on the University campus shows a total of approximately 2,650 files in a more or less complete form. Current subscriptions to scientific periodicals, not including serials, number 807. The total number of current periodical subscriptions in all fields is 2,551.

In the field of the social sciences and the humanities every effort has been made to secure the basic collections of source material as well as the more important publications of criticism and discussion. This has been done by the acquisition of such sets as the *Die Griechischen Christlichen Schriftsteller der ersten drei Jahrhunderte*, *Corpus Scriptorum Ecclesiasticorum Latinorum*, Migne's *Patrologia*, the *Corpus Scriptorum Historia Byzantiae*, the *Monumenta Historica Germaniae*, the *Acta Sanctorum*, the *Corpus Reformatorum*, complete files of the publications of the League of Nations, the International Labor Office, and many others. The endeavor to select the more important items in the various fields of graduate work has been supplemented by the purchase of a number of special collections and libraries. Among the more important of these might be mentioned a Peruvian library of approximately three thousand books and manuscripts; a library of several thousand volumes dealing with Brazil; the Lanson Collection of French literature consisting of twelve thousand books and monographs; a Goethe collection of one thousand volumes; a Scandinavian collection of three thousand volumes; a collection of about five thousand items of early Americana, dating from the seventeenth century to 1820; the Holl church history library dealing primarily with the period of the Reformation; a collection of many thousands of church minutes and records of American denominational history; two collections of eighteenth-century English poetry and prose totaling about five thousand items; two special collections, one dealing primarily with Byron and the other with Coleridge, containing a number of manuscripts, annotated copies, and first

editions; a transportation collection containing many thousand railroad reports and records; and the Thomas Collection of books on Chinese history and culture. Special mention should be made of the George Washington Flowers Collection of manuscripts, books, newspapers, and pamphlets dealing with all phases of Southern history.

PUBLIC DOCUMENTS

The importance of public documents as fundamental source materials for the social sciences and as containing also some of the most important work in the field of applied science is being clearly recognized, and an excellent start has been made toward a comprehensive collection of this material. The Library has been a depository for Federal documents since 1890. State documentary publications are also being systematically collected. Of European public documents a representative, though not extensive, collection has been secured. Among the more notable items might be mentioned the *British Calendar of State Papers*, the *Acts of the Privy Council*, *Hansard's Debates*, the *Débats Parlementaires* of the French Senate and Chamber of Deputies, the *Journal Officiel de la République Française*, the *Bulletin des Lois de la République Française*, the *Verhandlungen des Reichstages*, and the *Diario* of the Spanish *Cortes*. The public documents of the Latin-American countries form one of the strongest units of the Library.

Under this heading should be mentioned also the recent acquisition of the library of Professor Louis Strisower, sometime president of the Institut de Droit International, which contains approximately five thousand volumes dealing with international law. The volumes date from the seventeenth century to the present and contain some especially valuable periodical files and rare books.

NEWSPAPERS

The library collection of newspapers contains over ten thousand volumes, more than half of which are in bound form. Practically all states of the Union are represented, although the major part of the collection is from the Atlantic seaboard. Of the earlier items the states most strongly represented are Massachusetts, New York, Rhode Island, Virginia, North Carolina, South Carolina, and Georgia. The current subscription list of more than fifty titles is representative of American public opinion and contains the most important foreign papers.

MANUSCRIPTS

In the Manuscript Department there are over four hundred thousand pieces. Among these is one notable Greek manuscript of the thirteenth century containing the entire New Testament. Of interest to students of English literature are a number of the manuscripts of the Rossettis. By far the larger part of the collection, however, relates to the region in which the University is located. In the Flowers Collection are letters or other manuscripts by General Nathaniel Greene, Anthony Wayne, Henry

Clay, John C. Calhoun, Dr. Thomas Chivers, Admiral Mahan, Jefferson Davis, Robert E. Lee, T. J. (Stonewall) Jackson, Paul Hamilton Hayne, Sidney Lanier, Joel Chandler Harris, Thomas Nelson Page, and other literary and historical Southern figures. Important material for the study of the South is being constantly added to this collection.

EXCHANGE PRIVILEGES WITH THE LIBRARY OF THE UNIVERSITY OF NORTH CAROLINA

The libraries of Duke University and of the University of North Carolina have completed arrangements for the fullest exchange of privileges and resources. Each library contains a catalogue of the contents of the other, and books requested from the other library are supplied through a delivery service which operates daily except Saturdays and Sundays. Faculty members and graduate students may secure cards admitting them to the stacks of the other library. The Library of the University of North Carolina contains approximately 325,000 volumes, besides a large collection of manuscripts relating to Southern history. Through this arrangement more than 770,000 volumes are available to students in the combined libraries.

NEW SCIENCE LABORATORIES

New laboratory buildings have been erected on the West Campus for biology, physics, and chemistry. Graduate students will find available the most modern equipment and facilities for research. In addition to the provision of modern apparatus, large sums have recently been expended to purchase important additions to the collections of scientific periodicals and publications in the departmental libraries, the University Library, and the Hospital Library.

In the School of Medicine elaborate facilities are provided for post-graduate research in the various branches of medical science. Especial attention will be given to training in preventive medicine and public health work.

BIOLOGICAL LABORATORIES

The Biology Building on the West Campus contains three refrigerated rooms, an incineration room, a workshop, an aquarium room, five animal rooms connected with outside yards, and eight dark rooms. Special laboratories are provided for advanced work in plant and animal physiology, parasitology, cytology, taxonomy, bacteriology, ecology, histology, mycology, anatomy, embryology, endocrinology, entomology, and forestry. A large greenhouse gives adequate space for experimental work and propagation. There is a small synoptic museum and an herbarium. Dr. Irving E. Gray is the curator of the biological museum. On the East Campus, laboratories are provided for women, and a small greenhouse is conveniently located near the Science Building.

Laboratories and rooms for students doing research are equipped with vacuum, compressed air, direct and alternating current, gas, and running

water. Proper equipment and supplies for biological work, such as microscopes, ovens, baths, nets, kymographs, motors, chemicals, and glassware are available.

The Duke University Forest and the streams of the University estate furnish excellent collecting grounds. The woodlands are under the management of the Forestry Department. Duke University is situated in the Piedmont region, between the mountains and the coastal plain. This gives easy access to a variety of plants and animals. North Carolina is the home of the tulip poplar, holly, rhododendron, mountain laurel, flowering dogwood, several species of insect-catching plants, cypress, and other interesting plants. Among the animals are a varied assortment which range from marine to truly montaine species. In the woods about the University are opossums, squirrels, cardinals, Carolina wrens, several species of salamanders, king snakes, and terrapins.

CHEMISTRY LABORATORIES

Graduate work in chemistry is carried on in a new building which has a floor area of about 57,000 square feet. The equipment of this building is modern in every respect. Of this total space a large proportion is available for research and advanced teaching. There are twenty-five double research rooms completely equipped with the usual services. In addition, the following specially designed rooms are available for present or future research as indicated: a low temperature room, photographic room, constant temperature room, gas analysis room, combustion room, bomb room, animal room, and rooms equipped for high vacuum, X-ray, and photochemical investigations.

A glass-blowing room and a well-equipped shop, operated by a competent mechanic, provide facilities for the construction of special apparatus and for the repair and maintenance of instruments.

PHYSICAL LABORATORIES

The physical laboratory contains approximately an acre of floor space which is devoted to instruction and research. In addition to the usual lecture and elementary laboratory facilities, laboratories are provided for work in electrical measurements, optics, atomic physics, and advanced measurements in general physics.

There are sixteen research rooms equipped with various storage battery connections as well as water, gas, and compressed air. In some rooms connections can be made to a 35 kw. 1100 v. D.C. generator.

In addition, rooms are provided for various instruments of research in spectroscopy such as a 10-foot Rowland Concave grating, 21-foot grating in a Paschen mount as well as microphotometer and dark rooms. Facilities are also provided for investigation in the fields of magnetism, collision problems, mass spectroscopy, and nuclear physics.

A well-equipped shop operated by a trained instrument-maker makes possible the development of instructional and research apparatus. A shop is also provided for the use of the Staff and graduate students.

THE DUKE FOREST

Through placing the Duke Forest under intensive management for forestry purposes, substantial progress has been made in developing the educational work and research in forestry. The Duke Forest consists of approximately forty-eight hundred acres of land, most of which is adjacent and easily accessible to the University campus. Situated in the lower Piedmont region, composed of second growth shortleaf pine, loblolly pine, and hardwoods, the Forest is representative of the various types of timber growth and soils found throughout the region.

On account of the proximity of the Forest to the laboratories, green-houses, and library facilities of the University, an excellent opportunity exists for advanced study and research in forestry. Research, particularly in the fields of silvics, forest soils, silviculture, forest management, properties of wood, forest-tree physiology, and forest pathology, is well under way. Several members of the Botany and Zoology Staffs are also engaged on research in the Duke Forest.

For additional information, see the *Bulletin on Forestry*.

GRADUATE DORMITORIES

Certain sections of the new dormitories on the West Campus have been reserved for graduate men. Board can be secured at the Union, which also has unusually attractive provisions for social intercourse and activities. Graduate women will find dormitory accommodations of the highest type on the East Campus. The Union on the East Campus furnishes meals at reasonable rates and serves as a center of campus life.

FELLOWSHIPS AND SCHOLARSHIPS

For the assistance and encouragement of graduate students of high character and marked ability, the University has established a considerable number of fellowships and scholarships. Holders of fellowships and scholarships will be expected to pay the tuition fee and such additional fees as are regularly required. Applications for these appointments should be made on or before March 15 of each year. In case vacancies occur, applications submitted on a later date will be considered. Appointments which were offered for the year 1937-38 are listed below.

FELLOWSHIPS

One Angier Duke Memorial Fellowship of one thousand dollars.

One Gurney Harriss Kearns Fellowship in American Religious Thought of one thousand dollars.

Two University Fellowships of eight hundred dollars each.

Fifteen University Fellowships of seven hundred and fifty dollars each.

Sixteen University Fellowships of six hundred and fifty dollars each.

In appointing fellows, preference is usually given to applicants who have completed at least one year of successful graduate work. Fellows

will be required to give a limited amount of assistance in reading papers, in laboratories, or in other departmental duties. All fellows carry a full program of graduate work.

GRADUATE SCHOLARSHIPS

Seven Graduate Scholarships of four hundred fifty dollars each.

Ten Graduate Scholarships of four hundred dollars each.

Scholars may be asked to give a limited amount of assistance in departmental work. They normally carry a full program of graduate studies.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS IN FORESTRY

Information regarding special fellowships and graduate scholarships in forestry may be obtained from the Director of the Duke Forest, Duke University, Durham, N. C.

BROOKINGS-DUKE CO-OPERATIVE FELLOWSHIPS

Duke University and the Brookings Institution of Washington, D. C., have entered into a co-operative arrangement for the establishment of fellowships in economics and political science. Each fellowship will be of the approximate annual value of one thousand dollars. The fellowships will be available to third-year or more advanced graduate students, who have either completed the work for the Ph.D. degree, or who wish to do thesis work in Washington. In carrying on their work, students will use the facilities of the Brookings Institution. In most cases unmarried persons will be nominated for these appointments. Further details can be obtained from the Dean of the Graduate School, Duke University, or from the Brookings Institution, Washington, D. C. Graduate students who desire to be nominated by Duke should apply to the departments concerned not later than March 1. Nominations are transmitted to the Brookings Institution by March 15.

APPOINTMENTS AS GRADUATE ASSISTANTS

A considerable number of appointments as teaching assistants or readers will be available for graduate students. The compensation will usually range from \$300 to \$700, depending upon the nature and amount of the work assigned. Assistants receiving \$500 or more will be registered for four-fifths of a normal program of studies.

Information regarding fellowships, graduate scholarships, and graduate assistantships, together with application blanks, may be obtained from the Dean of the Graduate School, Duke University, Durham, North Carolina.

ENCOURAGEMENT OF RESEARCH

The President of the University appoints annually a University Council on Research. The twelve members of this Council are chosen from the Faculties of the Schools of Medicine, Law, Religion, and the Graduate School of Arts and Sciences. In May of each year the Council on Research receives written applications from members of the Faculty for

subsidies to be used in the following fiscal year to aid them in carrying out research projects. Stipends are granted for the employment of research assistants, for the purchase of books and for apparatus, supplies, and equipment. Each member of the Faculty to whom a research stipend is granted must make a written report within twelve months to the Council concerning the progress of the investigation for which the stipend was allowed.

SPECIAL LECTURES

During each academic year the University Lecture Committee arranges for a number of special lectures of value to graduate students interested in various fields of knowledge. Among the lecturers for the academic year 1936-37 were Professor C. B. Hoover, an authority on the governments of Russia and Germany in recent years, on "Dictators in the Modern World"; Colin G. Fink, a distinguished electro-chemist, on "Chemistry and Art"; W. P. Montague, an outstanding philosopher, on the subject "Is There a Soul?"; and Irvin Stewart, Federal Communications Commissioner, on "Public Control of Radio." Many other distinguished authorities were included in the lecture program for the academic year 1936-37.

UNIVERSITY PRESS

The Duke University Press affords facilities for the publication of many scholarly books and articles. The Press issues eight quarterly reviews: *The South Atlantic Quarterly*, *Hispanic American Historical Review*, *American Literature*, *Ecological Monographs*, *Character and Personality*, *Duke Mathematical Journal*, *The Journal of the Southern Association* (Southern Association of Colleges and Secondary Schools), and the *Journal of Parapsychology*. It also publishes at intervals Psychological Monographs, Monographs in Education, and the *Papers of the Trinity College Historical Society*. A total of sixty-three books on scholarly subjects has been issued since the Press was established in 1926.

A list of the publications of the Duke University Press may be obtained from the Executive Secretary of the Press, Durham, North Carolina.

REQUIREMENTS FOR ADMISSION AND DEGREES

ADMISSION TO GRADUATE COURSES

Students who have received a Bachelor's degree for a four-year undergraduate course from a college of sufficiently high standing may be admitted to take courses in the Graduate School of Arts and Sciences of Duke University. The department concerned will determine whether a student is prepared to take any particular course. *Admission to graduate courses does not necessarily imply admission to candidacy for a degree.* A candidate for admission as a graduate student should present satisfactory evidence that he has received a Bachelor's degree from a college or university which is a member of the Association of Colleges and Secondary Schools of the Southern States or of one of the similar associations in other sections of the country (provided that the degree must have been conferred after the admission of the college or university to membership in said association); or from a North Carolina college whose Bachelor of Arts or other Bachelor's degree is accepted by the State Department of Education as the basis for issuing the high-school or primary certificate of Class A. A degree from an institution outside of the state of North Carolina, not provided for above, may be accepted when the investigation in the individual case shows that qualifications are satisfactory.

No college or university work taken before the Bachelor's degree is conferred, or fully earned, may be credited toward an advanced degree except under the following circumstances: A student of Duke University who lacks at the beginning of a term not more than nine semester-hours of fulfilling the requirements for the Bachelor's degree may obtain permission from the Dean of the Graduate School to take during the term graduate courses sufficient to bring his total work to fifteen hours a week. Such graduate courses will be credited toward the degree of Master of Arts or Master of Education.

No graduate student may register in one academic year for more than twenty-four semester-hours of work and a thesis.

ADVANCED DEGREES

The degrees offered in the Graduate School of Arts and Sciences are Master of Arts (A.M.), Master of Education (M.Ed.), and Doctor of Philosophy (Ph.D.). Most departments of the University are now prepared to give a full program of work leading to the degree of Doctor of Philosophy; other departments are gradually enlarging the scope of their instruction as rapidly as is consistent with careful selection. New appointments are being made to the Faculty of professors who will give their attention primarily to graduate courses and the direction of research.

ADMISSION TO CANDIDACY FOR A DEGREE

A graduate student who desires to be accepted as a candidate for a degree should file with the Dean of the Graduate School an official transcript of the record of his undergraduate work and also of any graduate courses he may have completed. He should also confer with the head or chairman of the department in which he desires to take his major work. Applications for admission to candidacy for the degree of Master of Arts or Master of Education should be made at the beginning of the first year of graduate work, and for the degree of Doctor of Philosophy early in the second year of graduate work. Before receiving recognition as a candidate for a degree, the student must satisfy both the general requirements of the Graduate School and the special requirements of the department in which he is taking his major work.

THE DEGREE OF MASTER OF ARTS

Candidates for the degree of Master of Arts are required to have a reading knowledge of two foreign languages, evidenced by examination or by credit obtained for at least six semester-hours of college work in each. If this requirement has not been satisfied before admission to candidacy for the degree, the required foreign language work must be completed before the degree is conferred and will not be counted for credit toward the degree. The two foreign languages offered must be acceptable to the department in which the candidate is taking his major work. Twice a year at stated times the language examinations will occur. The French examinations will be given the first week in November and the first week in March, while the German examinations will be given the second week in November and the second week in March. Students should register in advance at the Graduate Office for these examinations.

To obtain the degree of Master of Arts a candidate must complete satisfactorily twenty-four semester-hours of graduate courses and a thesis. The credit for the thesis is six semester-hours. Each candidate for the degree must select a major subject in which the minimum requirement is twelve semester-hours and the thesis. [Before selecting his major in a department, a student must have completed a minimum of twelve semester-hours of approved *preliminary* courses in that department and twelve additional semester-hours either in that department or in related work.] A candidate must take six semester-hours of graduate work in a minor subject approved by the major department, and the remaining six semester-hours in the major or minor subjects or in a department approved by the major department and by the Graduate Council. No undergraduate course may be credited toward the degree of Master of Arts.

MINIMUM RESIDENCE REQUIREMENT

The minimum residence requirement of candidates for the Master's degree is one academic year. Often a longer period of residence will prove necessary. In the case of graduate students who take all the work for the Master's degree in the Summer School, the minimum residence requirement is five summer terms of six weeks each. This requirement is subject to change after the summer of 1937. All the work offered for the Master's degree must be completed within a period of six years.

DEGREE OF MASTER OF EDUCATION

The degree of Master of Education is granted to teachers, or others engaged in educational service, upon completion of the prescribed program of study. Candidates for the degree must have had two years of practical experience in teaching when the degree is conferred. This experience may be obtained in the two years immediately prior to entering upon candidacy for the degree, or it may be obtained concurrently with the period of study for the degree.

A preliminary requirement for admission to candidacy for this degree is the completion of a minimum of twelve semester-hours of approved undergraduate work in education, including work in educational psychology and work in history of education, or educational sociology, or school administration.

The requirements for the degree of Master of Education are twenty-four semester-hours of graduate courses and a thesis. Candidates must take a minimum of twelve semester-hours of work and write a thesis in the Department of Education. At least six semester-hours must be taken in some department other than the Department of Education. Students who are preparing to teach are advised strongly to take twelve semester-hours of graduate work in the subjects they intend to teach. In such cases the thesis may

be prepared under the joint supervision of a department in which the student intends to teach and the Department of Education.

The residence requirements for the degree of Master of Education are the same as those for the degree of Master of Arts.

THESIS FOR THE MASTER'S DEGREE

The title of the thesis required in partial fulfillment of the requirements for the degree of Master of Arts or Master of Education must be approved by the department or departments concerned and filed with the Dean of the Graduate School on or before November 15 of the academic year in which it is expected that the degree will be conferred.

Three (or, at the discretion of the department, four) bound typewritten copies of each thesis must be submitted to the Dean of the Graduate School in approved form on or before May 15 of the year in which the degree is conferred. The thesis is passed upon and accepted or rejected by an examining committee of three members of the Faculty. Two of the copies, the original and a carbon copy, are placed in the University Library. Each candidate is required to appear before the committee for a final examination. The oral portion of the examination will be at least one hour in length and will be either on the thesis or on the thesis and its related field; this choice and the length of the examination will be determined by the department with due consideration to the needs of the candidate and the subject-matter of the thesis. The chairman of the committee will inform the other members of the committee of the character and scope of the examination.

SUMMER SCHOOL WORK FOR THE MASTER'S DEGREE

Graduate students may not receive more than six semester-hours of credit for work taken in one summer session of six weeks. All the work offered for the Master's degree, either in the regular academic year or in summer sessions, must be completed within a period of six years from the date of beginning.

CREDIT TOWARD THE MASTER'S DEGREE FOR WORK DONE ELSEWHERE

No credit toward advanced degrees is given for university extension or correspondence courses.

Not more than six semester-hours of credit toward the Master's degree may be given to graduates of Duke University or of other approved colleges or universities for acceptable graduate courses or research work completed elsewhere. Such credit shall not shorten the minimum period of residence required at Duke University.

THE DEGREE OF DOCTOR OF PHILOSOPHY

A student who plans to enter upon a program of work leading to the degree of Doctor of Philosophy should consult, or enter into correspondence with, the Dean of the Graduate School or the head of the department concerned. He will then be advised as to the possibility of securing the necessary instructions and supervision of research in the desired field.

The Council on Graduate Instruction has adopted the following regulations governing the conferring of the degree of Doctor of Philosophy:

1. The Degree. The degree of Doctor of Philosophy is a research degree; it is not based merely upon the completion of a prescribed period of study or upon the obtaining of credit for a given number of courses. The granting of the degree will be based primarily upon evidence of high attainments in a special field of knowledge and upon the production of a thesis embodying the results of original research.

2. Residence Requirements. The normal period of resident graduate study, after the general requirements for admission to the Graduate School have been satisfied, is not less than three academic years. The candidate will be required to spend at least either the last year in actual residence at Duke University, or the first two years. A student whose undergraduate work is insufficient in amount or unsatisfactory in character may expect to spend additional time in preliminary courses essential as a basis for the graduate work he proposes to undertake. Credit for one year of work done in summer school sessions may be given with the approval of the Graduate Council and the department in which the student takes his major work. Except in unusual cases, graduate work of fragmentary character taken over a long period of years, or work completed many years before the student becomes a candidate for the degree at Duke University, will not be accepted as satisfying the requirements of residence.

3. Application for Candidacy for the Ph.D. Degree. A student desiring to become a candidate for the Ph.D. degree is ordinarily required to file with the Dean of the Graduate School, not later than the beginning of the second year of graduate work, a formal application indicating in what department and under what professor he proposes to carry on research. A committee will then be appointed to supervise the student's work, with the professor in charge of his research as chairman. If and when the committee finds that the preliminary requirements of the major department have been satisfied, the chairman of the committee shall report the fact in writing to the Dean of the Graduate School. The student's program of study will be arranged after consultation with this committee and must secure its approval and that of the Graduate Council. In the case of students who come to Duke University for only the last year of graduate work, and in special cases approved by the Graduate Council, the application for recognition as a candidate for the Ph.D. degree may be filed later than provided above, but not later than October 15 of the academic year in which it is desired that the degree be conferred.

4. Preliminary Examination. Toward the end of the second full year of graduate work (or in special cases early in the third year), a preliminary examination of each candidate will ordinarily be held covering the general field of his studies. This examination will be conducted by the committee in charge of the student's work and will be either oral or written, or both as the committee may determine. A student who passes this examination will be recognized as a candidate for the Ph.D. degree. The examination on his minor subject or subjects will ordinarily be held at the time of his preliminary examination.

5. Program of Study. The program of study of an applicant for the Ph.D. degree is subject to the approval of the Graduate Council and of the committee provided for in Section 3 above. The student must select a major field and one or two minor related fields. When a department offers instruction in a sufficient variety of subjects and the needs of the individual student seems to require it, the Graduate Council may permit a major and minor to be taken in the same departments.

6. Foreign Language Requirements. A reading knowledge of French and German will be required. The student will be examined on one of the foreign languages at the beginning of his second year of graduate work, and should qualify in both by the end of the second year of his graduate work. No person can come up for his preliminary examination without having satisfied the language requirements for the Doctor's degree. The department in which he takes his major work may indicate preference as to the language in which the student shall first be examined. Foreign language examinations will be conducted by the appropriate language department in conjunction with the department in which the student has his major field of work.¹

¹ See University Calendar, p. 5.

7. Thesis. The thesis for the Ph.D. degree must be a contribution to knowledge. The subject of the thesis must be filed with the Dean of the Graduate School on or before October 15 of the academic year in which the candidate desires to take the final examinations for his degree. The subject must receive the written approval of the head or chairman of the department in which the candidate has his major field of work and also of the professor under whom the thesis is being written. The thesis must be completed to the satisfaction of the professor under whom it is written, and four type-written copies in approved form must be deposited with the Dean of the Graduate School on or before May 1, if the student desires to be examined on the thesis in the same academic year. Two of the copies, the original and a carbon copy, are placed in the University Library.

The title-page must be approved by the major department and by the Dean of the Graduate School.

The candidate's thesis must be published either in its original form or a modified form approved by the Dean of the Graduate School and the committee in charge of the candidate's work. Copies of the published thesis should be deposited in the Graduate School office as provided by regulations of the Graduate Council. The degree will not be conferred until publication of the thesis, in approved form, within three years, has been guaranteed in a way satisfactory to the Dean of the Graduate School and the professor under whom the thesis was written.

8. Final Examination. The final examination on the thesis and on the related subject-matter in the major or minor fields will be oral.

THE TRAINING OF COLLEGE TEACHERS

Colleges and preparatory schools are constantly calling upon the university graduate schools for efficient teachers. The Duke University Graduate School will endeavor to discover among the candidates for advanced degrees in the various departments those students who show promise of becoming good teachers. Provision will be made for the consideration and discussion of problems of teaching. Graduate students who expect to teach will be given opportunity to gain practical experience under the supervision of successful teachers. The Graduate School will keep such records as will enable it to recommend with confidence students who are likely to prove efficient as teachers. An appointment bureau is maintained by the University, the services of which are extended to all graduate students.

THE GRADING OF GRADUATE STUDENTS

Members of the Faculty are expected to report the grades of graduate students promptly at the end of each semester on the cards provided for that purpose.

In the grading of graduate students, "S" or satisfactory shall represent work of an acceptable character, "G" or good shall be the next higher grade, and "E" or exceptional shall be the highest grade. "F" or failing indicates that the grade of the student is below passing. In a course in which both graduates and undergraduates are enrolled, the grade "S" shall represent approximately an 80 per cent rating. A mark of "Incomplete" may be given when a student has failed, for an acceptable reason, to complete some portion of the required work in a course in which his

standing is generally satisfactory. Unless a report is made within one year that the course has been satisfactorily completed, all credit will be lost.

GENERAL REGULATIONS

Not more than twenty-five students are permitted in a class giving graduate credit, nor are undergraduate students below the Senior year permitted in such a class. Exceptions to these rules may be made by special permission of the Graduate Council on recommendation of the department concerned.

In courses exclusively for graduates, students may be given extra credit in semester-hours for extra work done, with the approval of the Graduate Council on recommendation of the department.

COURSES OF INSTRUCTION

Unless otherwise stated, all courses listed in this catalog will be given on the West Campus. For those courses offered on the East Campus, (E) will be inserted following the description.

DIVISION OF ANCIENT LANGUAGES AND LITERATURES

PROFESSOR BRANSCOMB,* CHAIRMAN; PROFESSORS PEPPLER, ROGERS, AND
ROSBOROUGH; ASSISTANT PROFESSORS CLARK, GATES, STINESPRING,
AND WAY

GREEK**

FOR SENIORS AND GRADUATES

The six courses numbered from 201 to 212 provide a means for the study of the six departments of Greek literature. They are given in series. In 1937-38, 205-206 is offered.

201-202. **Greek Tragedy.**—Selected plays. 6 s.h.

PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

203-204. **Homer.**—*Odyssey*. **Pindar and Bacchylides.** 6 s.h.

PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

205-206. **Greek Historians.**—Herodotus, Book VII; Thucydides, Book VII.
6 s.h. PROFESSOR PEPPLER

207-208. **Greek Orators.**—Selected speeches. 6 s.h.

ASSISTANT PROFESSOR WAY

209-210. **Plato.**—*Symposium*, *Protagoras*, and parts of the *Republic*. 6 s.h.

ASSISTANT PROFESSOR WAY

211-212. **Aristophanes.**—Selected comedies. 6 s.h.

PROFESSOR PEPPLER

Syntax of the Greek Language from Homer to the New Testament.

PROFESSOR BERNARD (U. N. C.)

243. **Athenian Topography.**—The topography and monuments of ancient Athens. 3 s.h.

ASSISTANT PROFESSOR WAY

[Offered in 1938-39]

244. **Greek Epigraphy.**—Lectures on the history of the alphabet and the development of the local Greek alphabets, followed by extensive reading of inscriptional texts in facsimile. 3 s.h.

ASSISTANT PROFESSOR WAY

[Offered in 1938-39]

245. **Greek Dialects.**—A linguistic study of transliterated inscriptions illustrative of the major Greek dialects. The interrelations of the dialectal forms are examined, with reference, where possible, to their origin in pro-ethnic Greek. 3 s.h.

ASSISTANT PROFESSOR WAY

246. **Greek Historical Inscriptions.**—The more valuable historical inscriptions are read in chronological order and interpreted in their general bearing upon the course of Greek history. 3 s.h.

ASSISTANT PROFESSOR WAY

* On leave, 1937-1938.

** In co-operation with the University of North Carolina.

247-248. Greek Archaeology.—Advanced course in the general field for seniors and graduates, comprising architecture, sculpture, vases, and the minor arts. 6 s.h. ASSISTANT PROFESSOR WAY

[Offered in 1939-40]

Topography of Athens, Olympia and Delphi.

PROFESSOR HARLAND (U. N. C.)

Aegean Archaeology.

PROFESSOR HARLAND (U. N. C.)

FOR GRADUATES

The more advanced work of the graduate department is done in the seminar. One author or group of authors forms the center of study each year. Seminars are offered in Aristophanes (course 301-302), the Greek Historians (303-304), the Attic Orators (305-306), and the Greek Tragic Poets (307-308). These run through a cycle of four years. In 1937-38 the work will be

301-302. Seminar in Aristophanes.—6 s.h.

PROFESSOR PEPPLER

RELATED COURSES IN OTHER DEPARTMENTS

Phil. 217. Philosophy of Aristotle.—3 s.h.

DR. McLARTY

N.T. 218. Galatians and I Corinthians.

PROFESSOR BRANSCOMB OR ASSISTANT PROFESSOR CLARK

N.T. 315. Hellenistic Religions at the Beginning of the Christian Era.—3 s.h. ASSISTANT PROFESSOR CLARK

[Not offered in 1937-38]

N.T. 318. The Text of the New Testament.—3 s.h.

ASSISTANT PROFESSOR CLARK

In addition to the courses marked (U. N. C.) above, the following courses given at the University of North Carolina also are open to graduate students under the co-operative arrangement:

Homer: Advanced Course.

PROFESSOR HARLAND OR PROFESSOR BERNARD

Greek Drama: Advanced Course.

PROFESSOR BERNARD OR PROFESSOR SANDERS

Greek New Testament.

PROFESSOR BERNARD

Greek History: Thucydides.

PROFESSOR HARLAND

Hellenic Literature and Its Historical Setting.

PROFESSOR HARLAND

Hellenic Architecture.

PROFESSOR HARLAND

Hellenic Sculpture.

PROFESSOR HARLAND

Greek Seminar.

PROFESSORS BERNARD, HARLAND, AND SANDERS

Graduate students of Duke University may attend the American School of Classical Studies in Athens, Greece, without charge for tuition, and they are eligible to compete for the fellowships that are offered annually by the School. These consist of two fellowships in Greek archaeology and one in the language, literature, and history of ancient Greece, each with a stipend of \$1,300. They are awarded mainly on the basis of examinations held in the beginning of February of each year.

LATIN AND ROMAN STUDIES*

All candidates for the Master of Arts degree are required to complete one Latin seminar of six semester-hours, and candidates for the doctorate are required to complete not less than two Latin seminars—twelve semester-hours—for a Latin major. At present Greek, French, Philosophy, English, and History are the most suitable subjects for the minor for students with a Latin major. A satisfactory working knowledge of both German and French is a necessity for graduate students in Classics.

FOR SENIORS AND GRADUATES

201. **Roman Fiction.**

[Not offered in 1937-38]

202. **Latin Christian Writers.**

[Not offered in 1937-38]

203-204. **Roman Epic Poetry.**—A study of this literary genre, and its development by Roman writers; considerable reading of the Roman epics. 6 s.h. (E)

ASSISTANT PROFESSOR GATES

205-206. **Roman Drama.**

[Not offered in 1937-38]

Roman Dramatic Literature.

PROFESSOR HARRER (U. N. C.)

207-208. **Roman Philosophy.**—Extensive reading in the philosophical writings of Cicero, Lucretius, and Seneca. 6 s.h.

PROFESSOR ROGERS

Cicero: His Political Career and Works.

PROFESSOR HARRER (U. N. C.)

281-282. **Roman Historical Literature.**—6 s.h.

PROFESSOR ROGERS

The Satires of Juvenal.

PROFESSOR SANDERS (U. N. C.)

209-210. **Vulgar Latin: Introduction to Romance Philology.**—6 s.h.

PROFESSOR ROSBOROUGH

215. **Introduction to Roman Art and Archaeology.**

[Not offered in 1937-38]

216. **Topography and Monuments of Ancient Rome.**—Lectures and reports. 3 s.h.

PROFESSOR ROSBOROUGH

251-252. **Roman Life.**

[Not offered in 1937-38]

FOR GRADUATES

311-312. **Latin Epigraphy.**

[Not offered in 1937-38]

Latin Epigraphy.

PROFESSOR HARRER (U. N. C.)

Latin Paleography.

PROFESSOR HARRER (U. N. C.)

375-376. **Greek and Latin Linguistics.**—The forms and flexions of Greek and Latin; detailed study of Latin historical syntax. 6 s.h.

PROFESSOR ROGERS

* In co-operation with the University of North Carolina.

Seminars: Various authors are selected from year to year as a basis for the work in the seminar which consists of training in criticism and research. Seminars are offered in the following: *Plautus* (321-322), *Catullus* (311-312), *Roman Historians* (331-332), *Martial* (351-352), and *Horace* (361-362). The seminar planned for 1937-38 is:

351-352. **Martial.**—The *Epigrammata* are read and interpreted, and all phases of textual criticism are introduced. 6 s.h. PROFESSOR ROSBOROUGH

Latin Seminars in Cicero, Vergil, Horace, Livy, Suetonius and Tacitus.
PROFESSOR HARRER AND PROFESSOR JOHNSON (U. N. C.)

In addition to the courses marked (U. N. C.) above, the following courses given at the University of North Carolina are also open to graduate students under the co-operative agreement:

Prose Writings of the Republic.	PROFESSOR SANDERS
Roman Historical Literature.	PROFESSOR HARRER
Introduction to Comparative Philology.	PROFESSOR LANE

SANSKRIT

FOR SENIORS AND GRADUATES

Elementary Sanskrit. PROFESSOR LANE (U. N. C.)

SEMITICS

FOR SENIORS AND GRADUATES

O. T. 201-202. Elementary Hebrew.—The principles and structure of the Hebrew language with translations of selected Old Testament narratives. 6 s.h. ASSISTANT PROFESSOR STINESPRING

O. T. 307-308. Advanced Hebrew.—Samuel or Kings the first semester; Isaiah the second. 6 s.h. ASSISTANT PROFESSOR STINESPRING

O. T. 309. History of the Ancient Near East.—A survey of the early civilizations of Egypt, Palestine, Syria and Mesopotamia in the light of Biblical archaeology. 3 s.h. ASSISTANT PROFESSOR STINESPRING

N. T. 316. Judaism at the Beginning of the Christian Era.—3 s.h.
[Not offered in 1937-38] PROFESSOR BRANSCOMB

Elementary Arabic.—Introduction to the classical language and literature, with some attention to the modern colloquial idiom. No prerequisite, but one year of Hebrew recommended as preparation.

ASSISTANT PROFESSOR STINESPRING

[Not offered in 1937-38]

BOTANY

PROFESSOR BLOMQUIST, CHAIRMAN; PROFESSOR WOLF, DIRECTOR OF GRADUATE STUDIES; ASSOCIATE PROFESSOR HARRAR; ASSISTANT PROFESSORS ADDOMS, KRAMER, AND OOSTING; DRS. ANDERSON AND PERRY

FOR SENIORS AND GRADUATES

202. Genetics.—The principles of heredity, their cytological basis, and their bearing on other fields of biology. Laboratory work involves experimental breeding of the fruit fly and observations on the breeding of plants. Offered in alternate years. Prerequisites: one year of botany or zoology, or equivalent, and college algebra. 4 s.h. DR. PERRY

[Not offered in 1937-38]

203. Plant Cytology.—A study of the structure and organization of plant cells in relation to growth and reproduction. Prerequisite: two years of botany. 4 s.h. DR. ANDERSON

204. Advanced Plant Anatomy.—The structure of vegetative and reproductive organs of seed plants, including a consideration of seedling anatomy. Special reference is made to plants of economic importance. Offered in alternate years. Prerequisite: Botany 55 or equivalent. 4 s.h.

ASSISTANT PROFESSOR ADDOMS

216. Botanical Microtechnique.—Studies in methods of preparing temporary and permanent microscopical slides; theory of staining; the use of the microscope, especially microscopical measurements, drawing, and photomicrography; botanical photography and lantern slides. Prerequisite: three semesters of botany. 4 s.h. PROFESSOR BLOMQUIST

221. Structure and Classification of Fungi.—Prerequisite: two years of botany. 4 s.h. PROFESSOR WOLF

225-226. Special Problems.—Credits to be arranged. (W & E) STAFF

252. Advanced Plant Physiology.—The physico-chemical processes and conditions underlying the physiological process of plants. Prerequisite: Botany 151 or equivalent; organic chemistry recommended. 4 s.h.

ASSISTANT PROFESSOR KRAMER

256. Field Ecology.—An ecological survey of local vegetation, including theory and practice in the use of instruments for precise habitat studies, and analysis of community and successional relationships. Prerequisites: Botany 1, 2, and 52, or equivalent. 4 s.h.

ASSISTANT PROFESSOR OOSTING

FOR GRADUATES

310. Structure and Classification of Bryophytes and Pteridophytes.—The morphological and systematic characteristics of mosses, liverworts, ferns, and fern allies. Prerequisite: two years of botany. 4 s.h. PROFESSOR BLOMQUIST

311. Structure and Classification of Algae.—The morphological and ecological characteristics of the common freshwater and marine forms and the principles underlying their classification. Collecting, identification and the making of permanent microscopical preparations. Prerequisite: two years of botany. 4 s.h. PROFESSOR BLOMQUIST

341. Methods in Plant Physiology.—The theory and use of apparatus and methods in physiological research. 4 s.h. ASSISTANT PROFESSOR KRAMER

342. Plant Microchemistry.—The identification and estimation of the constituents of plant cells by the use of microchemical tests. Offered in alternate years. 2 s.h. ASSISTANT PROFESSOR ADDOMS

355-356. Taxonomy of Special Groups.—A study of systematic botany as applied to special groups of plants, such as mosses, ferns, grasses, etc. One group is usually selected by each student for intensive study. Prerequisite: two years of botany or equivalent, including taxonomy. 2-8 s.h.

PROFESSOR BLOMQUIST

359-360. Research in Botany.—Individual investigation in the various fields of botany. Credits to be arranged. STAFF

397-398. General Botanical Seminar.—One hour per week throughout the year. Required of all graduates majoring in botany. 1 s.h. each semester. STAFF

FOREST BOTANY

FOR SENIORS AND GRADUATES

224. Forest Pathology.—Special reference to diseases of forest trees. Offered in alternate years. Prerequisites: Botany 1, 2, and Forest Botany 153, or equivalent. **4 s.h.** PROFESSOR WOLF

253. Dendrology.—The characteristics, identification, and taxonomy of trees and shrubs with special reference to species native to North Carolina and other important forest regions of the United States. Studies of special groups included. Prerequisite: two years of botany. **4 s.h.**

ASSOCIATE PROFESSOR HARRAR

CHEMISTRY

PROFESSOR GROSS,* CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS VOSBURGH AND WILSON; ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HILL

FOR SENIORS AND GRADUATES

215-216. Advanced Inorganic Chemistry.—A study of modern valence theory and of inorganic compounds, particularly of the less common types, illustrated by suitable laboratory preparations. Two recitations and three laboratory hours. Prerequisites: Chemistry 1-2, 61, 70, and 151-152. Chemistry 261-262, advanced physics, and ability to read German are desirable. **6 s.h.**

PROFESSOR VOSBURGH AND DR. HILL

[Not offered in 1937-38]

231. Instrumental Analysis.—A study of the use of physical measuring instruments in chemical analysis. One lecture and six laboratory hours. Prerequisite: Chemistry 70. Laboratory physics is desirable. **3 s.h.**

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

232. Advanced Quantitative Analysis.—A continuation of course 70, including quantitative organic analysis. One lecture and six laboratory hours. Prerequisites: Chemistry 70 and 151-152. **3 s.h.**

PROFESSOR VOSBURGH, ASSOCIATE PROFESSOR BIGELOW,
AND ASSISTANT PROFESSOR SAYLOR

241. Physiological Chemistry.—A study of the chemistry of human physiology. Clinical aspects of the subject are treated with reference to the needs of prospective medical students. Two recitations and six laboratory hours. Prerequisites: Chemistry 70 and 151-152. Course 261-262 is desirable though not required. **4 s.h.**

PROFESSOR WILSON

242. Metabolism.—Open to students who have completed course 241 or its equivalent, and who have a reading knowledge of German. Lectures and collateral reading deal with the probable fate of foodstuffs in the body, the nitrogen balance, energy requirement, nutritive ratios, vital factors, and ductless glands. The laboratory work consists mainly of blood analysis under both normal and pathological conditions. The laboratory or lectures may be taken separately. Two lectures, credit **2 s.h.**, and six laboratory hours, credit **2 s.h.** **4 s.h.**

PROFESSOR WILSON

253-254. Advanced Organic Chemistry.—A continuation of Chemistry 151-152, including discussion of the theories of organic chemistry. The laboratory work will include qualitative organic analysis, together with preparations of the more difficult type, requiring reference to the original literature. Two lectures and six laboratory hours. Prerequisites: Chemistry 151-152 or equivalent and a reading knowledge of German. **8 s.h.**

ASSOCIATE PROFESSOR BIGELOW, ASSISTANT
PROFESSOR HAUSER, DR. BROWN

* On leave, first semester, 1937-1938.

260. Colloid Chemistry.—An introductory study of the colloidal state of matter. Two recitations and three laboratory hours for one semester. Prerequisites: Chemistry 151-152 and 261. **3 s.h.**

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

[Not offered in 1937-38]

261-262. Physical and Electrochemistry.—Fundamentals of general theoretical chemistry illustrated by selected laboratory experiments. Two recitations and three laboratory hours. Prerequisites: Chemistry 70, 151-152, college physics, and college algebra. Calculus is desirable but is not required. **6 s.h.**

PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR

271. Introduction to Research.—Lectures on the use of chemical literature, research methods, recording and publication of results, preparation of theses and other topics. One lecture. **1 s.h.** PROFESSORS GROSS AND VOSBURGH, AND ASSOCIATE PROFESSOR BIGELOW

273-274. Seminar.—Required of all graduate students in chemistry. One hour a week discussion. **2 s.h.**

PROFESSORS GROSS AND VOSBURGH; ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HILL

275-276. Research.—The aim of this course is to give instruction in methods used in the investigation of original problems. It is open to Seniors who have had courses 70, 151-152, and who are taking 261-262. Nine hours a week and conferences. **3 or 6 s.h.**

PROFESSORS GROSS, VOSBURGH, AND WILSON; ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HILL

FOR GRADUATES

351-352. Advanced Synthetic Organic Chemistry.—Recent advances in certain selected fields such as medicinals, dyes, perfumes, terpenes, alkaloids, etc., will be discussed. The emphasis will be placed on structure studies and synthetic methods. Lecture or seminar one hour each week. **2 s.h.**

PROFESSOR BIGELOW

361-362. Chemical Thermodynamics.—A discussion of general chemical theory from the standpoint of thermodynamics. Three recitations. Offered in alternate years with Chemistry 363-364. Prerequisite: Chemistry 261-262 or its equivalent. **6 s.h.**

PROFESSOR GROSS

[Not offered in 1937-38]

363-364. Advanced Physical Chemistry.—A discussion of selected theories of solution, of reaction velocity and catalysis and of molecular forces and structure. Prerequisite: Chemistry 261-262 or its equivalent. **6 s.h.**

PROFESSORS GROSS AND VOSBURGH; ASSISTANT PROFESSOR SAYLOR, AND DR. HILL

365. Phase Rule.—A study of equilibrium in heterogeneous systems, and the graphic representations of equilibrium conditions. Three recitations. One semester either fall or spring. **3 s.h.**

PROFESSOR VOSBURGH

[Not offered in 1937-38]

RELATED COURSES IN OTHER DEPARTMENTS

BIOCHEMISTRY

M214. General Biochemistry.—Prerequisites: general chemistry, organic chemistry, elementary physical and analytical chemistry and at least one year of college biology. *Winter quarter.* **6 s.h.**

DR. PERLZWEIG, DR. TAYLOR, AND STAFF

M242. Biochemical Preparations.—Prerequisite: Biochemistry M241. *Spring, summer, fall quarters.* Hours by arrangement. **2 s.h.**

DR. TAYLOR AND STAFF

M341. Pathological Chemistry.—Two hours per week by arrangement. *Winter, spring, and summer quarters.* Prerequisites: Biochemistry M241 and Physiology M261-2. **DRS. PERLZWEIG, TAYLOR, AND M. L. C. BERNHEIM**

BOTANY

342. Plant Microchemistry.—2 s.h.

ASSISTANT PROFESSOR ADDOMS

PHYSICS

323. Theory of Atomic Spectra.—3 s.h.

PROFESSOR SPONER

324. Theory of Molecular Spectra.—3 s.h.

PROFESSOR SPONER

ECONOMICS AND BUSINESS ADMINISTRATION

PROFESSOR GLASSON, CHAIRMAN; PROFESSOR HOOVER, DIRECTOR OF GRADUATE STUDIES; PROFESSORS HAMILTON,* SPENGLER, AND VON BECKERATH; ASSISTANT PROFESSORS BLACK, DE VYVER, EITEMAN, RATCHFORD, AND SPRINGER

FOR SENIORS AND GRADUATES

203-204. Money, Banking, and Credit.—After a preliminary study of monetary history and theory, together with an account of the development of credit instruments, there follows a more extended presentation of the theory and practice of banking. The first section of this course (*M.H.F., third period*) is limited to twenty-five Graduates and Seniors of superior standing. **6 s.h.**

PROFESSOR GLASSON

215. Economic Systems.—A study of alternative economic systems. In addition to an analysis of communism, anarchism, and the variants of socialism, the course will include a consideration of other proposed modifications of the existing economic order. **3 s.h.**

PROFESSOR HOOVER

216. Economic Functions of the State.—A consideration of the primary and secondary economic functions of government and of the legislation which provides for the performance of these functions, such as social legislation and the regulation of commerce and industry. **3 s.h.**

PROFESSOR HOOVER

217. Business Cycles.—Description and analysis of the causes and consequences of economic rhythms and movements of various lengths (e.g., seasonal, cyclical, long-period, etc.). Analysis of methods proposed as means of curtailing such movements, or of mitigating their effects. **3 s.h.**

PROFESSOR SPENGLER

218. Population Problems and the Standard of Living.—A critical survey of the economic laws of returns and of pre- and post-Malthusian population theory; consideration of the relation between natural increase and the laws of economic distribution and of the effects of changes in the rate of natural increase upon various classes of industry and upon employment; examination of the factors which govern population growth and of current population trends; analysis of international economic and political problems which are founded upon population pressure; consideration of the economic and the biological aspects of differential birth rates. **3 s.h.**

PROFESSOR SPENGLER

231. The Economic History of Modern Europe.—A study of the economic development of Europe since the sixteenth century, treating such topics as the guilds, mercantilism, money, banking, crises, the commercial revolution, and the industrial revolution. The rise of modern capitalism and the historical backgrounds of present economic problems will be emphasized. **3 s.h.**

ASSISTANT PROFESSOR DE VYVER

* On leave, 1937-1938.

232. The Economic History of the United States.—A study of the agricultural, industrial, commercial, and financial progress of the United States from colonial times to the present day. Special attention will be devoted to mass production, business cycles, great fortunes, and the relationships between government and business. 3 s.h.
ASSISTANT PROFESSOR DE VYVER

235. Public Finance.—This course deals with public expenditures, public revenues, public debts, and financial administration. Junior Honors students may be admitted with the consent of the instructor. (Formerly 236.) 3 s.h.
ASSISTANT PROFESSOR RATCHFORD

236. Public Debts in the United States.—A study of the characteristics of public credit as shown by the experience of national, state, and local governments in the United States. Topics considered include: forms, methods, and purposes of borrowing; effects of the contraction and repayment of debts on governmental fiscal policies, the banking and credit system, and business activity; methods of controlling or limiting debts; refunding and adjustment procedures; defaults and repudiations. 3 s.h.
ASSISTANT PROFESSOR RATCHFORD

237-238. Statistical Methods.—A study of statistical methods appropriate for dealing with problems in business and the social sciences. In addition to developing more thoroughly the subjects considered in *Business Statistics*, the following methods will be considered: simple, multiple, partial, and curvilinear correlation; curve fitting; probability; frequency distributions; and reliability of estimates. Prerequisite: Business Statistics 138 or consent of the instructor. 6 s.h.
ASSISTANT PROFESSOR SPRINGER

239. Prices.—A theoretical study of the forces governing price behavior and an historical examination of the fluctuations, disparities, and trends of European and American prices, particularly in periods marked by acute monetary disorder or by rapid change in the stock of the precious metals. Special attention will be devoted to post-war inflation in France and Germany and to the world-wide collapse of prices after 1929. 3 s.h.
PROFESSOR —————

240. Modern Schools of Economic Thought.—A study of the historical background, logical methods, contributions, and present position of the younger German historical schools, Austrian school, neo-classicists, and institutionalists. 3 s.h.
PROFESSOR SPENGLER

245-246. Problems of Modern Industrialism.—This course first surveys technological efficiency and market organization as limiting factors in the determination by industrial management of the rational requirements of plant organization. External political and social forces are then introduced into the complex to show modern industrialism as a phase of mature capitalism. Against the background of modern capitalism, the issue and trends of public policy with respect to economic organization in America and Europe are compared and appraised. Three hours a week. 6 s.h.
[Offered only in the first semester in 1937-38] PROFESSOR VON BECKERATH

253. Labor Problems.—An examination of present-day labor problems followed by an intensive study of methods used by employers and workers in meeting those problems. Prerequisite: Economics 51-52. 3 s.h.
ASSISTANT PROFESSOR DE VYVER

256. Labor Legislation.—A study of the relations of the state to labor problems with special reference to remedial legislation, to interference in labor disputes, and to social insurance. Prerequisite: Economics 51-52; Economics 253, or with the consent of the instructor. 3 s.h.
ASSISTANT PROFESSOR DE VYVER

265. International Trade and Tariff Policies.—An analysis of the theoretical principles underlying international trade with an historical study of the foreign trade and tariff policies of the United States, France, Germany, and England from the eighteenth century to the present. **3 s.h.**

PROFESSOR SPENGLER

266. International Finance.—A study of the mechanism of international payment with attention to international movements of capital, the peculiarities of an inconvertible paper money regime, and related problems. **3 s.h.**

ASSISTANT PROFESSOR EITEMAN

267. Competitive versus Monopolistic Enterprise.—(1) Competition as an economic order; (2) competition as a political order; (3) monopoly as a disturbance of (1) and of (2). (4) What can government do for the maintenance of the competitive order? (5) What can the judiciary do for the maintenance of the competitive order? (6) What can business do for the maintenance of the competitive order? (7) Limits and difficulties of a liberal solution. (8) Short discussion of different types of compromise solutions both in the governmental and the economic field. **2 s.h.**

PROFESSOR VON BECKERATH

268. Political Aspects of the Regulation of International Trade.—Political forces behind mercantilistic foreign trade policies, behind liberal policies and behind international imperialism and neo-mercantilism.

Special problems: The Monroe Doctrine, British imperial preference, the impact of (Russian, German, etc.) collectivism on foreign trade policy, the League of Nations as a factor in foreign trade policies. **2 s.h.**

[In 1937-38 offered in first semester]

PROFESSOR VON BECKERATH

275-276. Advanced Industrial Accounting and Management.—This course traces the ways and means of executive control through statistics and industrial accountancy. Emphasis is put upon the economics of overhead costs. A complete practice set of cost accounting is worked by each student during the course. Courses 57-58 and 105 are ordinarily prerequisites for this course. **6 s.h.**

ASSISTANT PROFESSOR BLACK

[Not offered in 1937-38]

FOR GRADUATES

311-312. History of Political Economy.—This course traces the development of economic theory, giving special attention to the various schools of economic thought in England, France, Germany, and the United States. A large amount of collateral reading in the works of typical authors is required. Lectures and class discussions. **6 s.h.**

ASSISTANT PROFESSOR EITEMAN

313-314. Advanced Economic Theory.—This course is designed to provide the opportunity for the analysis of the more complex aspects of economic theory. The course is given in a cycle of two years. The work of the first year of the cycle is concerned primarily with the theory of production, prices, and purchasing power. The work of the second year of the cycle comprises primarily the theory of rent, wages, interest, and profits. The work of either year of the cycle may be taken first. **6 s.h.**

PROFESSOR HOOVER

318. General Seminar in Economics.—All graduate students with economics as a major subject are members of this seminar. Reports of progress in research will be made, and there will be lectures and critical discussion by members of the Department. **2 s.h.**

STAFF

RELATED COURSES IN OTHER DEPARTMENTS

Attention is called to the following courses in related departments:
History 219-220. The History of the European Proletariate.—**6 s.h.**

PROFESSOR CARROLL

- Political Science 207. American Constitutional Law and Theory.**—3 s.h.
PROFESSOR WILSON
- Sociology 219. Urban Sociology.**—3 s.h. ASSISTANT PROFESSOR THOMPSON
- Sociology 220. Rural Sociology.**—3 s.h. ASSISTANT PROFESSOR THOMPSON
- Sociology 227. Emigration and Immigration.**—3 s.h. PROFESSOR JENSEN

EDUCATION

PROFESSOR HOLTON, CHAIRMAN; PROFESSOR BROWNELL, DIRECTOR OF GRADUATE STUDIES; PROFESSORS CHILDS AND PROCTOR;* ASSOCIATE PROFESSOR CARR; ASSISTANT PROFESSOR EASLEY

The Department offers a full major of work in educational psychology toward the degree of Doctor of Philosophy, with approved minors in as many as two of the divisions listed for the Master's degree, and an approved minor in psychology or in some other department offering work closely related to the thesis problem of the candidate. It is planned to offer complete majors in other divisions as rapidly as the growth of the Department justifies.

The Department offers work toward the Master of Arts and Master of Education degrees, and minor work toward the Doctor of Philosophy degree, in the divisions of elementary education, experimental education and educational psychology, history and philosophy of education, public school administration, and secondary education and educational sociology. It is important for students who are degree candidates to choose their course according to some unified plan; they are reminded that mere accumulation of more or less unrelated courses in various divisions with minor work in some department only remotely related to the student's major work does not lead to a graduate degree. Every candidate for a Master's degree should elect at least six, and preferably twelve, semester-hours of course work in the special division in which he intends to write his thesis. Students who expect to write theses in the history of education are required to take their minor work in American history. Students writing in school administration are advised to elect minor work in economics and political science. Students in educational psychology should elect their minor work in psychology. No student, except by special approval of the Department and of the Graduate School, is permitted to take minor work in more than one department or to the amount of more than six semester-hours.

ELEMENTARY EDUCATION

FOR SENIORS AND GRADUATES

207. Technique of Teaching.—An advanced course in the teaching process, dealing with the theory underlying sound technique and applied specifically to the work of the elementary school. 3 s.h. (E) ASSOCIATE PROFESSOR CARR
[Not offered in 1937-38]

212. Psychology of the Elementary School Subjects.—A study of the psychology of learning as applied to teaching the common-school subjects. *First semester.* 3 s.h. (E) ASSOCIATE PROFESSOR CARR

222. The Curriculum and Materials of the Elementary Grades.—A study of curriculum problems in the elementary schools. 3 s.h. ASSOCIATE PROFESSOR CARR

232. Elementary School Supervision.—A survey of supervision as a means of improving instruction and adapting the curriculum to child and community needs. 3 s.h. (E) ASSOCIATE PROFESSOR CARR
[Not offered in 1937-38]

* On leave, first semester, 1937-1938.

EXPERIMENTAL EDUCATION AND EDUCATIONAL PSYCHOLOGY

FOR SENIORS AND GRADUATES

208. Mental Tests and Applications.—A study of the development of intelligence testing, the concept of general intelligence, various recent applications of mental tests, and training in the giving of individual tests. Prerequisite: course 258 or six semester-hours of other work in educational psychology or psychology. 3 s.h. (E) ASSISTANT PROFESSOR EASLEY

209. Statistical Methods Applied to Education.—A study of statistical methods of treating educational and social data designed to enable teachers or administrator to interpret and use the results of scientific investigations in education. 3 s.h. ASSISTANT PROFESSOR EASLEY

[Not offered in 1937-38]

216. Psychological Principles of Secondary Education.—A study of adolescence and the psychology of learning as applied to teaching the principal high-school subjects. 3 s.h. PROFESSOR CHILDS

[Not offered in 1937-38]

217. Advanced Educational Psychology.—A systematic survey of the field of educational psychology, required of all majors in that field. 3 s.h. (E) ASSISTANT PROFESSOR EASLEY

218. Educational Implications of Genetic Psychology.—Special section of course 118, intended primarily for graduate students, ordinarily not offered the same year in which 118 is given. Prerequisite: six semester-hours of psychology or educational psychology. 3 s.h. (E) PROFESSOR BROWNELL

[Not offered in 1937-38]

219. Experimental Education.—This course is designed to provide training (1) in planning, (2) in prosecuting, and (3) in reporting quantitative investigations in the field of education, more especially in the field of learning and teaching the various school subjects. 3 s.h. (E) PROFESSOR BROWNELL

PROFESSOR BROWNELL

227. The Psychology of Learning: Problems.—The major problems related to the learning process will be examined, with the experimental literature bearing on them. The curves of learning and forgetting, the distribution of practice, economical methods of learning, and the transfer of training will be the major topics considered. 3 s.h. ASSISTANT PROFESSOR EASLEY

228. The Psychology of Learning: Theoretical and Experimental.—This is a continuation of course 227. In this semester the laws of learning, the most important explanatory principles, and the major systems of the psychology of learning will be considered. Class experiments will run throughout the semester. Prerequisite: course 227 or its equivalent. 3 s.h. ASSISTANT PROFESSOR EASLEY

ASSISTANT PROFESSOR EASLEY

237. Investigations in Reading.—A summary of the results of the more important scientific studies in reading; interpretation of the results in terms of aims, methods, materials of instruction, testing diagnosis, and supervision; emphasis on problems requiring further investigation. *Second semester.* 3 s.h. (E) ASSOCIATE PROFESSOR CARR

ASSOCIATE PROFESSOR CARR

247. Investigations in Arithmetic.—An analytical survey of investigations in arithmetic, with three purposes in view: (1) to examine the techniques employed with respect to their adequacy as means of solving the problems attacked; (2) to test the validity of the results announced and the values of these results for the teaching of arithmetic; (3) to locate further problems in arithmetic in need of scientific research. *Second semester.* 3 s.h. PROFESSOR BROWNELL

PROFESSOR BROWNELL

258. Educational Measurements.—A critical study of the principles and techniques involved in measurement in education, with opportunity for individual research. Prerequisite: twelve semester-hours in the Department, including a course in educational psychology. **3 s.h. (E)**

PROFESSOR BROWNELL

FOR GRADUATES

307-308. Seminar in Educational Psychology.—Required of graduate students in educational psychology. **2 s.h. (each term, E)**

PROFESSOR BROWNELL AND ASSISTANT PROFESSOR EASLEY

309-310. Research in Educational Psychology.—This course provides opportunity for more advanced graduate students to engage in individual research projects under close supervision. Credit allowed proportionate to achievement and time devoted to the course. Enrollment by permission of instructor only. **3 to 6 s.h. (E)**

PROFESSOR BROWNELL

318. Investigation of Study Problems.—A brief survey of the available literature on study, followed by extensive case-work in the study habits of high school and undergraduate college students. Diagnosis, corrective and remedial teaching in so far as possible, and reports. An introductory course in educational diagnosis and the treatment of individual differences. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR BROWNELL

338. Research in Reading.—A course designed for students who have original problems in reading which they desire to investigate. Such studies may be either individual or co-operative. Education 247 is advised as a preliminary course, but is not required. **3 s.h.**

ASSOCIATE PROFESSOR CARR

[Not offered in 1937-38]

348. Research in Arithmetic.—A course designed for students who have original problems in arithmetic which they desire to investigate. Such studies may be either individual or co-operative. Education 247 is advised as a preliminary course, but is not required. **3 s.h.**

PROFESSOR BROWNELL

[Not offered in 1937-38]

HISTORY AND PHILOSOPHY OF EDUCATION

FOR SENIORS AND GRADUATES

200. Introduction to the Philosophy of Education.—A consideration of fundamental concepts underlying educational theory. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR HOLTON

214. History of Education in the United States.—A study of the development of the American public school and the interaction of higher education and the public school. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR HOLTON

244. Studies in the Historical Development of Public School Administration.—An advanced course devoted to the development of public school administration in the South, with especial reference to North Carolina as a type. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR HOLTON

254. History of Secondary Education in the United States.—A study of historical and comparative conceptions of the secondary school, changes in American life affecting the secondary school, present status of the secondary school, current tendencies toward expansion, and the problem of state and Federal aid. *First semester.* **3 s.h.**

PROFESSOR PROCTOR

[Not offered in 1937-38]

264. Recent Movements in American Education.—An intensive study of educational thought and practice since 1900. 3 s.h. PROFESSOR HOLTON

294. Comparative Education: Recent Movements in European Educational Systems.—A comparative study of the school systems of the principal countries of Europe, with emphasis upon changes since the World War. *First semester.* 3 s.h. ASSOCIATE PROFESSOR CARR

PUBLIC SCHOOL ADMINISTRATION

FOR SENIORS AND GRADUATES

233. Administrative Pupil-Accounting.—An advanced study of gradation and classification of pupils, with incidental attention to the keeping of records and the making of reports. The study includes a consideration of individual differences, promotions, acceleration, and retardation of pupils; the various plans for classification and gradation; interpreting the results of tests; and some practice in the computation of statistical measures. 3 s.h.
[Not offered in 1937-38] PROFESSOR PROCTOR

234. Secondary School Organization and Administration.—A study of the outstanding problems of secondary school organization and administration other than the problem of gradation and classification of pupils. 3 s.h.
PROFESSOR PROCTOR

253. Legal Phases of School Administration.—A study of judicial decisions and the development of outstanding features of statute law controlling school administration, with special emphasis upon North Carolina materials. 3 s.h.
PROFESSOR HOLTON
[Not offered in 1937-38]

FOR GRADUATES

323. Public School Finance.—A study of educational costs, sources of revenue for the support of public education, collection of revenue, basis of distribution, and accounting for funds spent. *Second semester.* 3 s.h.
[Not offered in 1937-38] PROFESSOR PROCTOR

343. State and County School Administration.—A study of state and county organization of public schools, emphasizing underlying principles. *Second semester.* 3 s.h.
PROFESSOR PROCTOR
[Not offered in 1937-38]

363. City School Administration.—A study of the organization and administration of city school systems, including administrative phases of supervision. 3 s.h.
PROFESSOR PROCTOR
[Not offered in 1937-38]

SECONDARY EDUCATION AND EDUCATIONAL SOCIOLOGY

FOR SENIORS AND GRADUATES

S205. Curriculum Problems in Secondary Education.—A consideration of the aims and objectives of secondary school subjects, emphasizing practical problems of curriculum-making in the high school. 3 s.h.
[Not offered in 1937-38] PROFESSOR CHILDS

206. Sociological Foundations of the Secondary-School Subjects.—A consideration of the aims and objectives of the secondary-school. Prerequisite: six semester-hours in education, including course 105. 3 s.h.
PROFESSOR CHILDS

225. **The Teaching of High-School History.**—Identical with History 211. The course counts as an elective in the Department of Education only when approved by the Department and the instructor. 3 s.h.

ASSISTANT PROFESSOR MANCHESTER

246. **The Teaching of Mathematics.**—Identical with Mathematics 204. The course counts as an elective in the Department of Education only when approved by the Department and the instructor. 3 s.h.

PROFESSOR RANKIN

266. **The Teaching of High-School French.**—Identical with French 218. 3 s.h.

PROFESSOR WEBB

FOR GRADUATES

300. **Methods of Educational Research: Seminar.**—Graduate students are instructed in methods of research as applied to selected educational problems. Each student must select for intensive study and practice a subject in which he is interested. 3 s.h.

MEMBERS OF THE DEPARTMENT

RELATED COURSES IN OTHER DEPARTMENTS

FOR MAJORS IN EDUCATIONAL PSYCHOLOGY, ELEMENTARY EDUCATION,
AND SECONDARY EDUCATION

Psychology 201. **Social Psychology.**—2 s.h. PROFESSOR MCDUGALL

Psychology 205. **General Psychology.**—2 s.h. PROFESSOR STERN

Psychology 209. **Advanced Laboratory Methods in Psychology, with Lectures.**—4 s.h. ASSOCIATE PROFESSOR ZENER

Psychology 211. **Neurological Foundations of Behavior.**—4 s.h. ASSOCIATE PROFESSOR ZENER

Psychology 216. **Seminar in Comparative Psychology.**—2 or 3 s.h. ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH

Psychology 217. **Gestalt Theory.**—3 s.h. ASSISTANT PROFESSOR ADAMS

Psychology 219. **History of Psychology.**—2 s.h. PROFESSOR MCDUGALL

Psychology 226. **Contemporary Schools of Psychology.**—3 s.h. ASSOCIATE PROFESSOR ZENER

Psychology 305. **Seminar.**—2 or 3 s.h. PROFESSOR MCDUGALL

Psychology 306. **Seminar in Child Psychology.**—2 or 3 s.h. ASSISTANT PROFESSOR ADAMS

Psychology 309. **Theory of Learning.**—3 s.h. ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH

Psychology 315. **Child Psychology.**—3 s.h. ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH

Sociology 212. **Child Welfare.**—3 s.h. PROFESSOR JENSEN

Sociology 213. **Constructive Social Policies.**—2 s.h. PROFESSOR JENSEN

Sociology 218. **Cultural Anthropology.**—3 s.h. PROFESSOR ELLWOOD

Sociology 319. **Principles of Sociology.**—3 s.h. PROFESSOR ELLWOOD

Sociology 320. History of Social Philosophy.—3 s.h.

PROFESSOR ELLWOOD

FOR MAJORS IN PUBLIC SCHOOL ADMINISTRATION

Economics 235. Public Finance.—3 s.h.

ASSISTANT PROFESSOR RATCHFORD

Economics 236. Public Debts.—3 s.h.

ASSISTANT PROFESSOR RATCHFORD

Political Science 209. State and Local Government in the United States.—3 s.h.

PROFESSOR RANKIN

Political Science 291. Municipal Government.—3 s.h.

PROFESSOR RANKIN

Religion 365. Seminar in Character Education and the State.—2 s.h.

PROFESSOR SMITH

Sociology 213. Constructive Social Policies.—2 s.h.

PROFESSOR JENSEN

FOR MAJORS IN HISTORY AND PHILOSOPHY OF EDUCATION

History 209-210. Constitutional History of the United States, 1763-1860.—6 s.h.

ASSOCIATE PROFESSOR SYDNOR

History 306. Southern History, 1740-1860.—4 s.h.

PROFESSOR BOYD

History 307. The Colonial Period, 1606-1763.—4 s.h.

PROFESSOR BOYD

History 308. Studies in the Social History of the United States.—4 s.h.

PROFESSOR SHRYOCK

Philosophy 205. The Philosophy of History.—3 s.h.

PROFESSOR WIDGERY

Philosophy 208. Political Philosophy.—3 s.h.

ASSOCIATE PROFESSOR MORGAN

Philosophy 223. Contemporary Philosophy.—3 s.h.

PROFESSOR WIDGERY

Religion 362. Ethical Theory of Christian Education.—3 s.h.

PROFESSOR SMITH

Religion 363-364. Religious Thought in the Rise of American Culture.—6 s.h.

PROFESSOR SMITH

Sociology 319. Principles of Sociology.—3 s.h.

PROFESSOR ELLWOOD

Sociology 320. History of Social Philosophy.—3 s.h.

PROFESSOR ELLWOOD

ENGLISH

PROFESSOR BROWN, CHAIRMAN; PROFESSOR BAUM, DIRECTOR OF GRADUATE STUDIES;
 PROFESSORS GILBERT, HUBBELL, IRVING, AND WHITE; ASSOCIATE
 PROFESSOR GOHDES; ASSISTANT PROFESSOR ANDERSON

FOR SENIORS AND GRADUATES

201-202. Anglo-Saxon.—This course requires no previous study of Anglo-Saxon. 6 s.h.

PROFESSOR BROWN

203-204. Chaucer.—6 s.h.

PROFESSOR BAUM

207-208. **English Literature, 1400-1550.**—6 s.h. PROFESSOR BAUM
[Not offered in 1937-38]

209-210. **English Romances.**—This course consists of a rapid reading of the chief romances of the Middle English period. 6 s.h.
[Not offered in 1937-38] PROFESSOR BROWN

213-214. **The Ballad and Other Folk-Lore.**—This course consists of an extensive study of the ballad and other ancient and modern folk-songs and of other kinds of folk-lore. 6 s.h. PROFESSOR BROWN

215-216. **The Drama of the Elizabethan Period.**—A study of the drama in England from its beginning to 1640. 6 s.h. PROFESSOR GILBERT

217-218. **Spenser and Milton.**—An exhaustive study of the works of Spenser and Milton. 6 s.h. PROFESSOR GILBERT

219-220. **English Literature, 1660-1798.**—6 s.h. PROFESSOR IRVING

221. **The Drama in England, 1640-1770.**—3 s.h. PROFESSOR BAUM
[Not offered in 1937-38]

225-226. **Studies in Victorian Literature.**—This course considers in an intensive way the works of some of the most important writers of the period. 6 s.h. PROFESSOR BAUM

227-228. **Literary Criticism.**—A history of literary criticism. 6 s.h.
PROFESSOR GILBERT

229-230. **American Literature, 1800-1870.**—Seniors must have credit for English 137-138. 6 s.h.
PROFESSOR HUBBELL AND ASSOCIATE PROFESSOR GOHDES

231-232. **Special Studies in American Authors.**—6 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR GOHDES

233-234. **American Literature since 1870.**—6 s.h.
ASSOCIATE PROFESSOR GOHDES

FOR GRADUATES

301. **Bibliography and Methods of Research.**—This course or its equivalent is required of all candidates for higher degrees. 3 s.h.
PROFESSOR GILBERT

303-304. **The Elizabethan Period.**—6 s.h. PROFESSOR GILBERT
[Not offered in 1937-38]

305. **The Early Renaissance.**—3 s.h. PROFESSOR BAUM
[Not offered in 1937-38]

308. **Southern Literature and Culture.**—6 s.h. PROFESSOR HUBBELL
[Not offered in 1937-38]

309. **Chaucer.**—3 s.h. PROFESSOR BAUM
[Not offered in 1937-38]

313-314. **Studies in the Romantic Writers of the Early Nineteenth Century.**—This course may be elected for credit twice because the content is changed in alternate years. 6 s.h. PROFESSOR WHITE

315-316. **Middle English.**—This course consists of a study of early Middle English literature and of the history of the English language. Students may elect this course without having studied either Anglo-Saxon or Middle English. (Formerly 205-206.) 6 s.h. PROFESSOR BAUM

COURSES IN THE WRITING OF THESES

Students who are candidates for the A.M. and Ph.D. degrees and who are at work on theses must enroll with one of the instructors listed here:

- A. Professor Brown directs students working on theses in Anglo-Saxon, Middle English romances, folk-lore, the ballad, Shakespeare.
- B. Professor Baum directs those working on subjects in Middle English, the periods from 1400-1550, and from 1832-1900, poetics.
- C. Professor Gilbert directs theses in the Elizabethan period, especially in Spenser and Milton, in the early seventeenth century, in literary criticism.
- D. Professor Hubbell, Associate Professor Gohdes, Assistant Professor Anderson direct the work of students in the various fields of American literature.
- E. Professor Irving directs theses on subjects in the seventeenth and eighteenth centuries.
- F. Professor White directs theses relating to the period from 1798 to 1832 or having to do with the novel in England.

RELATED COURSES IN OTHER DEPARTMENTS

The following courses may be of great value to graduate students in English; some may be necessary:

German 205-206. Middle High German.—6 s.h. PROFESSOR VOLLMER
[Not offered in 1937-38]

German 301-302. History of the German Language.—6 s.h. PROFESSOR VOLLMER

Greek 201-202. Greek Tragedy.—6 s.h.
PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

Greek 203-204. Homer.—*Odyssey*. Pindar and Bacchylides. 6 s.h.
PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

History 208. Studies in the Social History of the United States.—3 s.h.
[Not offered in 1937-38] PROFESSOR SHRYOCK

History 221-222. The Age of the Renaissance.—6 s.h.
ASSOCIATE PROFESSOR NELSON

History 223-224. Medieval Institutions and Culture.—6 s.h.
ASSISTANT PROFESSOR QUINN

History 225-226. The Age of the Reformation.—6 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR NELSON

Philosophy 213-214. History of Aesthetics.—6 s.h. (E) PROFESSOR GILBERT

Psychology 202. Psychology of Aesthetics.—3 s.h. PROFESSOR LUNDHOLM

FORESTRY

PROFESSORS KORSTIAN, SCHUMACHER, AND WOLF; ASSOCIATE PROFESSORS HARRAR AND MAUGHAN; ASSISTANT PROFESSORS COILE AND KRAMER

Major and minor work is offered in the more scientific aspects of forestry, especially silvics, forest soils, silviculture, forest mensuration, forest management, wood anatomy and properties, forest-tree physiology, and forest pathology, leading to the Master of Arts and Doctor of Philosophy degrees to students who have received degrees from professional schools of forestry of recognized standing or from approved colleges or universities. College graduates who have had specialized training in botany or soil science

and in allied basic subjects, such as physics, chemistry, geology, and zoology, may pursue graduate study and research only in the specialized fields for which their previous work has qualified them. For additional information, see the *Bulletin on Forestry*.

FOR SENIORS AND GRADUATES

224. Forest Pathology.—Special reference to diseases of forest trees. Offered in alternate years. Prerequisites: Botany 1 and 2, Forestry 153, or equivalents. **4 s.h.**
 PROFESSOR WOLF

253. Dendrology.—The characteristics and identification of trees and shrubs with special reference to species native to North Carolina and other important forest regions of the United States. Studies of special groups included. Prerequisite: two years of botany or forestry. **4 s.h.**
 ASSOCIATE PROFESSOR HARRAR

255. Forest Mensuration.—Scientific sampling methods and statistical analysis of forest mensuration data pertaining to the volume, growth, and yield of forest stands. Prerequisite: Forestry S151. **4 s.h.**
 PROFESSOR SCHUMACHER

257. Design of Forestry Experiments and Analysis of Data.—The rôle of experimental design in the field and laboratory, and the statistical analysis of data as aspects of the scientific method in forest research. Prerequisite: Forestry 255. (Students lacking Forestry 255 may take this course but must register for **5 s.h.** and do additional work.) **4 or 5 s.h.**
 PROFESSOR SCHUMACHER

258. Wood Anatomy and Properties.—Anatomy, physical and chemical properties of wood. Macroscopic and microscopic identification of the more important woods of the United States. Prerequisites: Physics 1 and 2, Chemistry 1 and 2, Forestry 153, or equivalents. **4 s.h.**
 ASSOCIATE PROFESSOR HARRAR

261. Forest Soils.—Origin, development, and classification of soils. Physical and chemical properties of soils with special reference to their ability to produce forest trees. Field identification, field sampling, and laboratory analysis. The interrelationships of soil and forest cover. Desirable prerequisites: Chemistry 1 and 2, Physics 1 and 2, Botany 151 and 156, or equivalents. **4 s.h.**
 ASSISTANT PROFESSOR COILE

264. Silvics.—The ecological foundations of silviculture with special reference to the site factors of the forest; the influence of the forest on its environment; the growth and development of trees and stands; the origin, development, and classification of forest communities; methods of studying the forest environment. Desirable prerequisites: Botany 151 and 156, Forestry 153 and 261, or equivalents. **4 s.h.**
 PROFESSOR KORSTIAN

FOR GRADUATES

322-324. Advanced Forest Pathology.—Advanced study and research on the life-histories and control of diseases of forest trees to meet the individual needs of graduate students. Prerequisites: plant physiology and forest pathology. Credits to be arranged.
 PROFESSOR WOLF

351-352. Advanced Physiology of Forest Trees.—Advanced study and research on problems in the physiology of forest trees to meet the individual needs of graduate students. Prerequisites: plant physiology and plant ecology. Credits to be arranged.
 ASSISTANT PROFESSOR KRAMER

357-358. Research in Forestry.—Credits to be arranged.

a. **Advanced Silvics.**—Individual study and research on special problems in silvics. Prerequisites: Forestry 253, 261, 264, or equivalents.

PROFESSOR KORSTIAN

b. **Advanced Forest Soils.**—Advanced study and research in forest soils to meet the needs of individual graduate students. Prerequisite: Forestry 261 or equivalent.

ASSISTANT PROFESSOR COILE

c. **Advanced Silviculture.***—Advanced study and research on problems pertaining to reproduction, establishment, growth, and treatment of the forest.

PROFESSOR KORSTIAN AND ASSOCIATE PROFESSOR MAUGHAN

d. **Advanced Forest Management.***—Advanced study of specialized problems in the organization and management of forests. Emphasis is given to such activities as forest subdivision, forest inventories, forest records, and the development of management plans.

ASSOCIATE PROFESSOR MAUGHAN

e. **Advanced Forest Regulation.***—Advanced study of the theory of forest regulation. Work consists chiefly of studies of the methods used in determining forest growing stock, distribution of age classes, the normal forest, formulae for arriving at cutting allowances and regulations for sustained yield.

ASSOCIATE PROFESSOR MAUGHAN

f. **Advanced Wood Anatomy and Properties.**—Advanced study and research on the structure and properties of wood to meet the needs of individual graduate students. Prerequisite: Forestry 258 or equivalent.

ASSOCIATE PROFESSOR HARRAR

g. **Advanced Forest Mensuration.**—Advanced study and research on problems in forest mensuration. Prerequisites: Forestry S151 and 255, or equivalents.

PROFESSOR SCHUMACHER

GERMANIC LANGUAGES AND LITERATURE

PROFESSOR VOLLMER, CHAIRMAN; PROFESSOR KRUMMEL

FOR SENIORS AND GRADUATES

201-202. **Goethe.**—A careful study of Goethe's life and works, with special emphasis upon the broader aspects of his ever widening interests and literary activities. 6 s.h.

PROFESSOR KRUMMEL

207-208. **German Romanticism.**—The course covers the entire field of German Romanticism from 1800 to 1850. 6 s.h.

PROFESSOR VOLLMER

209-210. **Kleist, Grillparzer, and Hebbel.**—6 s.h.
[Not offered in 1937-38]

PROFESSOR KRUMMEL

211-212. **Heinrich Heine.**—6 s.h.
[Not offered in 1937-38]

PROFESSOR VOLLMER

213-214. **Literature of the Empire, 1871-1914.**—A study of the literature of this period as determined particularly by the philosophical, social, political, and religious factors. 6 s.h.

PROFESSOR VOLLMER

FOR GRADUATES

301-302. **Gothic—History of the German Language.**—In the first term the essentials of Gothic morphology, phonology and grammar are investigated, and original Gothic literature is read. In the second term the development of German and English from primitive Germanic is studied. 6 s.h.

PROFESSOR VOLLMER

* Open only to graduates of professional schools of forestry of recognized standing who have satisfactorily completed basic courses in forestry and allied subjects.

RELATED COURSES IN OTHER DEPARTMENTS

The following courses in other departments are recommended to students, who are majoring in Germanics, as particularly valuable in building a proper background for Germanic studies:

(a) Any graduate courses in literature or philology offered by the ancient and modern language departments.

(b) **History 217-218. Europe since 1870.—6 s.h.** PROFESSOR CARROLL

History 221-222. The Age of the Renaissance.—6 s.h.
ASSOCIATE PROFESSOR NELSON

History 223-224. Medieval Institutions and Culture.—6 s.h.
ASSISTANT PROFESSOR QUINN

History 225-226. The Age of the Reformation.—6 s.h.
ASSOCIATE PROFESSOR NELSON

(c) **Philosophy 213-214. History of Aesthetics.—6 s.h. (E)**
PROFESSOR GILBERT

Philosophy 223. Contemporary Philosophy.—3 s.h.
PROFESSOR WIDGERY

(d) **Sociology 320. History of Social Philosophy.—3 s.h.**
PROFESSOR ELLWOOD

HISTORY

PROFESSOR BOYD, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS CARROLL, LAPRADE, AND SHRYOCK; ASSOCIATE PROFESSORS CLYDE, NELSON, AND SYDNOR; ASSISTANT PROFESSORS LANNING, MANCHESTER, AND QUINN

AMERICAN HISTORY

FOR SENIORS AND GRADUATES

209-210. Constitutional History of the United States, 1763-1860.—Among the subjects considered are the issues and nature of the Revolution, the problem of the confederation, the nature of the constitution in the light of its early interpretation, the rise of political parties, sectionalism and its attendant political and economic interest, and the slavery controversy. **6 s.h.**
ASSOCIATE PROFESSOR SYDNOR

215-216. History of the Foreign Relations of the United States.—This course traces the history of American diplomacy since 1789. Prerequisites: courses 91 and 92. **6 s.h.**
ASSOCIATE PROFESSOR CLYDE

230. The History of North Carolina.—The evolution of the commonwealth from its origins to the present is traced with particular emphasis on social conditions and the recent period. **3 s.h.**
PROFESSOR BOYD
[Not offered in 1937-38]

231. The Hispanic Colonies of the New World.—The development of the Iberian states as colonizing powers, the work of the conquerors, the Spanish colonial policy and system, their influences and results, native races, the international contest for supremacy, and the decay of Spanish power in America and the Philippines. **3 s.h.**
ASSISTANT PROFESSOR LANNING
[Not offered in 1937-38]

232. The Hispanic American Republics of the New World.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR LANNING

233. **The Cultural and Institutional History of Colonial Hispanic America.**—3 s.h. ASSISTANT PROFESSOR LANNING

234. **Political and Social Problems in the Hispanic American Republics.**—3 s.h. ASSISTANT PROFESSOR LANNING

FOR GRADUATES

303. **The Union, Confederacy, and Reconstruction.**—The subjects considered are the rise of secession, the constitutional and economic problems of the Union and Confederacy, and the political and economic adjustments during reconstruction. 4 s.h. PROFESSOR BOYD

306. **Southern History, 1740-1860.**—The rôle of the South in American political and social development is traced with special reference to local conditions, state and regional. Among the topics emphasized are political ideals, and political parties, southwestern expansion, cotton culture and slavery, local sectionalism, transportation, education, the churches, and the movement for secession. 4 s.h. PROFESSOR BOYD

[Not offered in 1937-38]

307. **The Colonial Period, 1606-1763.**—Emphasis is placed on certain typical institutional and social origins and the development of British policy toward the colonies. 4 s.h. PROFESSOR BOYD

[Not offered in 1937-38]

308. **Studies in the Social History of the United States.**—4 s.h.

PROFESSOR SHRYOCK

315. **Seminar in Southern History.**—Selected topics in the development of the South Atlantic region, chosen from year to year, in different periods in its development. 2 s.h. PROFESSOR BOYD

321. **Seminar in the History of Spain and the Spanish-American Colonies.**—2 s.h. ASSISTANT PROFESSOR LANNING

322. **Seminar in American Social History.**—2 s.h.

PROFESSOR SHRYOCK

EUROPEAN HISTORY

FOR SENIORS AND GRADUATES

205-206. **English Constitutional History.**—After a brief review of the Anglo-Saxon period a detailed study is made of those medieval institutions which form the basis of the British constitution. This is followed in the second semester by a general survey of the changes wrought in English political history during the seventeenth and eighteenth centuries, the main lines of constitutional development since 1800, and an outline of the British government as it exists today. 6 s.h. PROFESSOR LAPRADE

[Not offered in 1937-38]

217-218. **Europe since 1870.**—International relations since the Franco-German War is the chief subject of study in this course; special emphasis is placed upon the underlying economic and political influences. 6 s.h.

[Not offered in 1937-38]

PROFESSOR CARROLL

219-220. **The History of the European Proletariat.**—This course is concerned chiefly with the origins, expansions, and organization of the industrial working classes of Europe. The following problems are emphasized: the decline of serfdom, the growth of an urban working class and social revolutions in England, France, and Germany prior to the eighteenth century, the results of the Industrial Revolution, and labor movements and theories during the nineteenth and twentieth centuries. 6 s.h.

PROFESSOR CARROLL

221-222. The Age of the Renaissance.—The decline of characteristic features of medieval civilization and the rise of modern European institutions with particular attention to intellectual movements from Dante to Erasmus. **6 s.h.**
ASSOCIATE PROFESSOR NELSON

223-224. Medieval Institutions and Culture.—A consideration of the classical heritage, the Germanic infusion, development of ecclesiastical, feudal, monarchical, and communal institutions, relations of Church and State, the rise of universities, vernacular literature, philosophy, and art, in the period 300-1300 A.D. **6 s.h.**
ASSISTANT PROFESSOR QUINN

225-226. The Age of the Reformation.—A survey of European civilization from 1500 through the Peace of Westphalia. **6 s.h.**
[Not offered in 1937-38] ASSOCIATE PROFESSOR NELSON

FOR GRADUATES

305. Seminar in the History of England and the British Empire.—The work consists of practical training in the methods of historical research based on sources for modern British history. **2 s.h.** PROFESSOR LAPRADE

317. Seminar in Recent European History.—**2 s.h.** PROFESSOR CARROLL

325. British Nationality and Public Opinion.—A study of the various political and social groups that have contended for power in England since the sixteenth century and the methods they used. **4 s.h.**
[Not offered in 1937-38] PROFESSOR LAPRADE

327. Modern Phases of the English Constitution.—A brief review of the medieval constitution, followed by a more intensive study of certain aspects of its development in the sixteenth, seventeenth, and eighteenth centuries. **4 s.h.**
PROFESSOR LAPRADE

328. Foundations of the British Empire.—The growth of the British trade and colonization in the sixteenth, seventeenth, and eighteenth centuries including the causes in Great Britain of the American Revolution. **4 s.h.**
[Not offered in 1937-38] PROFESSOR LAPRADE

THE TEACHING OF HISTORY

FOR SENIORS AND GRADUATES

211. The Teaching of History and Civics.—The work consists of a discussion of the question of aims and values in teaching history and civics, textbooks, programs of study, methods of instruction, the use of maps and pictures, the making of lesson-plans for use in the high school, and other problems of high-school teaching. Hours to be arranged. First semester **3 s.h.**
ASSISTANT PROFESSOR MANCHESTER

BIBLIOGRAPHY

FOR GRADUATES

326. Historiography and Bibliography.—A survey of the development of historical writing, an examination of the greater collections of historical sources, and a consideration of the inter-relationships of history and other branches of social knowledge. Hours to be arranged. **2 s.h.**
[Not offered in 1937-38] MEMBERS OF THE DEPARTMENT

RELATED COURSES IN OTHER DEPARTMENTS

Church History 334.—The Church in America.—**6 s.h.**

PROFESSOR GARBER

- Economics 215. Economic Systems.—3 s.h.** PROFESSOR HOOVER
- Economics 216. Economic Functions of the State.—3 s.h.**
PROFESSOR HOOVER
- Economics 231. Economic History of Modern Europe.—3 s.h.**
PROFESSOR HAMILTON
- Economics 232. Economic History of the United States.—3 s.h.**
PROFESSOR HAMILTON
- Economics 311-312. History of Political Economy.—6 s.h.**
PROFESSOR HAMILTON
- Old Testament 309.—History of the Ancient Near East.—3 s.h.**
ASSISTANT PROFESSOR STINESPRING
- Political Science 223. Political Thought to the Seventeenth Century.—3 s.h.**
PROFESSOR WILSON
- Political Science 224. Modern Political Theory.—3 s.h.**
PROFESSOR WILSON
- Religious Education 363-364. Religious Thought in the Rise of American Culture.—6 s.h.**
PROFESSOR SMITH
- Sociology 320. History of Social Philosophy.—3 s.h.**
PROFESSOR ELLWOOD

MATHEMATICS

ASSOCIATE PROFESSOR GERGEN, CHAIRMAN; PROFESSOR THOMAS, DIRECTOR OF GRADUATE STUDIES; PROFESSORS ELLIOTT AND RANKIN; ASSOCIATE PROFESSOR CARLITZ; ASSISTANT PROFESSORS HICKSON, MARIA, MILES, AND ROBERTS*

The Department offers basic courses in each of the main divisions of mathematics; namely, algebra, analysis, geometry, and applied mathematics. A candidate for the Ph.D. degree or the Master's degree may major in any of these divisions.

Because of the important mathematical literature which is written in the French and German languages, all students taking graduate work in mathematics should have a practical reading knowledge of these languages near the beginning of their graduate study.

As the Ph.D. degree is a research degree the original dissertation is the most important of the formal requirements. A candidate for the Ph.D. degree should have in mind the dissertation requirement from the outset and plan his courses accordingly.

The Master's degree with major in mathematics will be awarded primarily on the basis of scholarship. The program is as follows:

Prerequisites: The equivalent of courses 55 and 100, and six additional hours from courses numbered above 100 in the undergraduate catalogue. These six hours must be approved by the Department.

Requirements: A minimum of eighteen hours in mathematics courses numbered 200 or above, and a thesis, which carries six hours of credit. Course 239-240, or its equivalent, is required, and the other courses must be approved by the Department. Six hours of courses are required in a minor department which must be approved by the Mathematics Department.

Not all the courses listed will be given every year.

* On leave, 1937-1938.

FOR SENIORS AND GRADUATES

201. History of Mathematics.—This course deals with the evolution of the following topics: number system, arithmetic, geometry, algebra, trigonometry, analytical geometry, calculus, modern geometry. Brief sketches of the lives of the builders of mathematics will be given. 3 s.h. PROFESSOR RANKIN

204. The Teaching of Mathematics.—A study of the fundamental processes in mathematics, the literature on mathematics, methods of study, content of courses, special features, applications, correlation of different branches of mathematics. Prerequisite: course 100 unless the two are taken simultaneously. 3 s.h. PROFESSOR RANKIN

207. Fundamental Concepts of Algebra and Geometry.—This course deals with the concepts: number, variable, function, limit, group, symbolism, definition, postulate, axiom, proposition, space, and proof. Prerequisite: course 100. 3 s.h. PROFESSOR RANKIN

225. Theory of Equations and Determinants.—The content of this course is similar to that of 125 in the undergraduate catalogue, but the course is designed for more advanced students. Prerequisite: course 55. 3 s.h. PROFESSOR ELLIOTT

226. Galois Theory of Equations.—The notion of a field. Properties of finite groups. The group of an equation over a field. Criteria for solvability by means of radicals. Prerequisite: course 225. 3 s.h. ASSOCIATE PROFESSOR CARLITZ

228. Number Theory.—The content of this course is similar to that of 128 in the undergraduate catalogue, but the course is designed for more advanced students. Prerequisite: course 100. 3 s.h. ASSISTANT PROFESSOR ROBERTS

229-230. Theory of Algebraic Numbers.—Ideals and unique factorization. Divisor of the discriminant. Determination of the class number. Prerequisite: course 225. 6 s.h. ASSOCIATE PROFESSOR CARLITZ

231. Differential Equations.—The content of this course is similar to that of 131 in the undergraduate catalogue, but the course is designed for more advanced students. Prerequisite: course 100. 3 s.h. PROFESSOR ELLIOTT

235-236. Modern Higher Algebra.—A study of linear dependence, solution of a set of linear equations. Study of matrices, linear transformations, invariants of linear transformations, bilinear forms. Prerequisite: course 55. 6 s.h. PROFESSOR THOMAS

239-240. Advanced Calculus.—This course is a study of the processes of the calculus, their meanings and applications. It is designed to furnish a necessary preparation for advanced work in analysis and applied mathematics. Prerequisite: course 100. 6 s.h. PROFESSOR ELLIOTT

250. Modern Geometry.—Modern geometry of the triangle, transversals, harmonic sections, harmonic properties of the circle, inversions, poles, polars, etc. Valuable to teachers of high-school geometry. Prerequisite: course 55. 3 s.h. PROFESSOR RANKIN

252. Non-Euclidean Geometry.—An introduction to the geometry of Bolyai and Lobachevsky. Prerequisite: course 100. 3 s.h. ASSISTANT PROFESSOR ROBERTS

255-256. Projective Geometry.—The elements of projective geometry treated synthetically. Introduction to homogeneous co-ordinates with application to projective geometry. Study of different types of collineations. Prerequisite: course 55. 6 s.h. PROFESSOR THOMAS

259. Analytic Geometry of Space.—The content of this course is similar to that of 159 in the undergraduate catalogue, but the course is designed for more advanced students. Prerequisite: course 55. **3 s.h.**

ASSISTANT PROFESSOR HICKSON

275. Probability.—Introductory course. Combinatory analysis, mean values, Bernoulli's theorem, the probability integral, statistics. Prerequisite: course 100. **3 s.h.**

ASSISTANT PROFESSOR MILES

280. Fourier's Series and Spherical Harmonics.—The properties of Fourier's series and spherical harmonics with application to problems of mathematical physics. Either semester. Prerequisite: course 100. **3 s.h.**

ASSOCIATE PROFESSOR GERGEN

281. Elementary Potential Theory.—Fields of force: Newtonian potentials due to volume and to surface distributions. Primarily for students who are interested in mathematical physics. Prerequisite: course 100. **3 s.h.**

ASSISTANT PROFESSOR MILES

284. Vector Analysis.—This course is a study of the different vector products and the calculus of vectors, with applications to geometry and mechanics. Prerequisite: course 100. **3 s.h.**

PROFESSOR ELLIOTT

287. Mathematical Logic.—Boolean algebra. The Boole-Schroder algebra of logic. The system of Principia Mathematics. Strict and material implication. **3 s.h.**

ASSOCIATE PROFESSOR CARLITZ

288. Foundations of Mathematics.—A study of systems of postulates for groups, fields, rings, Boolean algebras. **3 s.h.**

ASSOCIATE PROFESSOR CARLITZ

FOR GRADUATES

325-326. Functions of a Real Variable.—A study of continuous functions, sequences of functions, measure of point sets, and elementary theories of integration. Prerequisite: course 240. **6 s.h.**

ASSISTANT PROFESSOR MARIA

327-328. Modern Theories of Integration.—A study of Lebesgue and Stieltjes integrals with applications to boundary value problems. Prerequisite: course 239-240. **6 s.h.**

ASSISTANT PROFESSOR MILES

330-331. Theory of Functions of a Complex Variable.—Study of analytic functions; conformal representation; the theory of infinite series and products with application to hyperbolic and Gamma functions, study of doubly periodic functions. Prerequisite: course 239-240. **6 s.h.**

ASSISTANT PROFESSOR HICKSON

333-334. Analytic Theory of Numbers.—Distribution of primes. Primes in an arithmetic progression. The Waring and Goldbach problems. Prerequisite: course 325-326. **6 s.h.**

ASSOCIATE PROFESSOR CARLITZ

335-336. Infinite Series.—The theory of convergence and the algebraic and functional properties of series; special types of series; infinite products; divergent series. Prerequisite: course 239-240. **6 s.h.**

PROFESSOR ELLIOTT

337-338. Existence Theorems.—Both systems of partial differential equations and Pfaffian systems are discussed. Particular attention is given to the theorems of Cauchy, Riquier, and Cartan, and to singular integral varieties whose existence is not predicted by them. Prerequisite: course 239-240. **6 s.h.**

PROFESSOR THOMAS

340-341. Integral Equations.—A study of the Volterra and Fredholm integral equations with special reference to their application to boundary problems of differential equations. Prerequisites: courses 231 and 239-240. **6 s.h.**

PROFESSOR ELLIOTT

342-343. Theory of Differential Equations.—Existence and nature of solutions of ordinary differential equations, algebraic theory of linear differential systems, boundary problems. Prerequisites: courses 231 and 239-240. 6 s.h. PROFESSOR ELLIOTT

345-346. Calculus of Variations.—This course will take up the study of the calculus of variations after the methods of Euler, Jacobi, Weierstrass, and Bolza. Prerequisites: courses 231 and 239-240. 6 s.h. ASSISTANT PROFESSOR HICKSON

347-348. Elliptic Functions.—The Weierstrass elliptic function. The Jacobi functions. The theta functions, and their application to the theory of numbers. Prerequisite: course 239-240. 6 s.h. ASSOCIATE PROFESSOR CARLITZ

350-351. Differential Geometry.—An elementary course in differential geometry. A study of the differential geometry of curves, surfaces, and curves on surfaces. Prerequisites: courses 231 and 239-240. 6 s.h. PROFESSOR THOMAS

353-354. Trigonometric Series.—In this course a detailed, analytic study is made of trigonometric series, particularly Fourier series. Related ideas in the theory of the Lebesgue integral and the theory of functions of a complex variable are developed. Prerequisites: courses 325-326 and 330-331. 6 s.h. ASSOCIATE PROFESSOR GERGEN

371-372. Topology.—Axiomatic treatment of the fundamental ideas. Prerequisite: course 239. (Formerly 271-272.) 3 s.h. ASSISTANT PROFESSOR ROBERTS

375-376. Partial Differential Equations.—A study of some of the important types of differential equations of mathematical physics. Prerequisites: courses 231 and 239-240. 6 s.h. ASSISTANT PROFESSOR MILES

380-381. Potential Theory.—Properties of harmonic functions. Boundary value problems for potentials of a single and of a double layer. Prerequisite: course 325-326, unless the two courses are taken simultaneously. 6 s.h. ASSISTANT PROFESSOR MILES

PHILOSOPHY

PROFESSOR WIDGERY,* CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS GILBERT, SMITH, AND STERN; ASSOCIATE PROFESSOR MORGAN; ASSISTANT PROFESSOR LEONARD; AND DR. MCLARTY

FOR SENIORS AND GRADUATES

201-202. The Philosophy of Art.—Study of the various phases of the aesthetic experience and forms of beauty with analysis of examples. Particular attention will be given to recent writers on aesthetics. 6 s.h. (E) PROFESSOR GILBERT

203. The Philosophy of Conduct.—A critical study of the fundamental problems of ethics. 3 s.h. ASSOCIATE PROFESSOR MORGAN

204. Christian Ethics.—An historical and systematic study of Christian conceptions of the moral life and its problems. 3 s.h. DR. MCLARTY

205. The Philosophy of History.—An inquiry into the logic and methodology of the knowledge of history, and into the metaphysical implications of history. 3 s.h. PROFESSOR WIDGERY

[Not offered in 1937-38]

* On leave, first semester, 1937-1938.

206. **Modern Political Theory.**—3 s.h. Political Science 224.
PROFESSOR WILSON
207. **Political Thought to the Seventeenth Century.**—3 s.h. Political Science 223.
PROFESSOR WILSON
208. **Political Philosophy.**—A critical investigation of the bases of political authority and of the ideals of political organization, with reference to prevalent political systems. 3 s.h.
ASSOCIATE PROFESSOR MORGAN
- 209-210. **The Philosophy of Religion.**—A critical consideration of the data of empirical religion and the constructive development of a modern philosophy of religion. 6 s.h.
PROFESSOR WIDGERY
[Not offered in 1937-38]
212. **Psychology of Belief.**—2 s.h. Psychology 228.
[Not offered in 1937-38]
PROFESSOR LUNDHOLM
- 213-214. **History of Aesthetics.**—The tracing of the historical solutions of traditional problems, such as the nature of imitation, symbolism, the ugly, the sublime, and the comic, the relation of art to nature, to morals, and to economics, the relation of the particular arts to each other, the standard of taste. 6 s.h. (E)
PROFESSOR GILBERT
- 215-216. **Plato.**—*Symposium*, *Protagoras*, and parts of the *Republic*. 6 s.h. Greek 209-210.
ASSISTANT PROFESSOR WAY
217. **The Philosophy of Aristotle.**—Prerequisite: 105. 3 s.h. DR. McLARTY
- 219-220. **The Age of the Renaissance.**—6 s.h. History 221-222.
ASSOCIATE PROFESSOR NELSON
222. **Philosophical and Psychological Problems of Critical Personalism.**—2 s.h. Psychology 222.
PROFESSOR STERN
223. **Contemporary Philosophy.**—A study of the leading philosophical movements in Europe and America in the last fifty years. 3 s.h.
[Not offered in 1937-38]
PROFESSOR WIDGERY
226. **The History of Ethics.**—Theories of morality from Socrates to the present time. 3 s.h.
ASSOCIATE PROFESSOR MORGAN
227. **Foundations of Mathematics.**—3 s.h. Mathematics 288.
ASSOCIATE PROFESSOR CARLITZ
228. **Mathematical Logic.**—3 s.h. Mathematics 287.
ASSOCIATE PROFESSOR CARLITZ
- 229-230. **Contemporary Physics.**—6 s.h. Physics 213-214.
ASSISTANT PROFESSOR CONSTANT
- 231-232. **Philosophy of Science.**—An historical and critical survey of the relations of natural science to general philosophy.
ASSISTANT PROFESSOR LEONARD
234. **Introduction to the Philosophy of Education.**—3 s.h. Education 200.
[Not offered in 1937-38]
PROFESSOR HOLTON
- FOR GRADUATES
- 301-302. **Seminar in Philosophy.**—For the discussion of special problems, chiefly metaphysical. Two hours a week throughout the year. Time to be arranged. 4 s.h.
PROFESSOR WIDGERY

303-304. Seminar in the History of Modern Philosophy.—Selected texts, with readings in German and French. Two hours a week throughout the year. **4 s.h.** PROFESSOR WIDGERY

[Not offered in 1937-38]

305. Seminar: Spinoza.—Detailed study of Spinoza's works showing the development of his own thought and his relation to his contemporaries. **3 s.h.** PROFESSOR GILBERT

307. Seminar: Kant. ASSOCIATE PROFESSOR MORGAN

308. Seminar: Hegel.—A study of a selection of the texts together with recent interpretations. **3 s.h.** PROFESSOR GILBERT

309. Seminar for German Readings in Psychology and Philosophy.—**2 s.h.** Psychology 311. PROFESSOR STERN

311. Historical and Philosophical Zoology.—**2 s.h.** Zoology 341. [Not offered in 1937-38] PROFESSOR HARGITT

313-314. Seminar: Theories of Self.—**4 s.h.** Religion 377-378. PROFESSOR HICKMAN

316. History of Social Philosophy.—**3 s.h.** Sociology 320. PROFESSOR ELLWOOD

317. Theology in Ancient and Medieval Christianity.—Prerequisite: Christian Doctrine 321-322. **3 s.h.** Religion 323. PROFESSOR ROWE

318. Theology in Modern Christianity.—Prerequisite: Christian Doctrine 321-322. **3 s.h.** Religion 324. PROFESSOR ROWE

319-320. Religious Thought in the Rise of American Culture.—Prerequisite: Religious Education 261 or its equivalent. **3 s.h.** Religion 363-364. PROFESSOR SMITH

322. Seminar in Philosophy of Religious Education.—Prerequisite: Religious Education 261 or its equivalent. **2 s.h.** Religion 366. PROFESSOR SMITH

PHYSICS

PROFESSOR NIELSEN, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS EDWARDS, HATLEY, NORDHEIM, AND SPONER; ASSISTANT PROFESSORS CONSTANT AND MOUZON; DR. BONNER

FOR SENIORS AND GRADUATES

203-204. Analytical Mechanics.—Geometry of motion; kinematics of a particle and of a rigid body; statics, kinetics of a particle and a rigid body; relative motion; general principles of mechanics. **6 s.h.**

ASSISTANT PROFESSOR MOUZON

205-206. Physical Optics.—This course deals with interference, diffraction, polarization, absorption, dispersion; in general, it will cover those topics treated in a text such as Wood's *Physical Optics*. Two lectures and one three-hour laboratory period per week. **6 s.h.** PROFESSOR HATLEY

211. History of Physics.—A rapid review of the fundamental laws of physics developed from the historical point of view. **2 s.h.**

PROFESSOR EDWARDS

213-214. Contemporary Physics.—A course which covers in a descriptive manner the fundamental concepts and experimental basis of modern theories of the structure of matter. **6 s.h.** ASSISTANT PROFESSOR CONSTANT

215-216. Atomic Physics Laboratory.—Some of the more important experiments which form the basis of modern atomic theory. Special emphasis is placed on experimental technique valuable in original physical investigations. **2 s.h.** PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

217-218. Advanced General Physics Laboratory.—Exact measurements involving the fields of mechanics, electrical measurements, heat and pyrometry. **2 s.h.** PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

221-222. Introduction to Theoretical Physics.—Lectures and problems on the fundamental principles and mathematical theory of the general field of physics, constituting a thorough foundation for subsequent specialization and more intensive study. **6 s.h.** ASSISTANT PROFESSOR CONSTANT

FOR GRADUATES

Graduate students who have not had upon entrance a course in differential equations will be required to take Mathematics 231. A reading knowledge of German and French is highly desirable and may be presumed in some of the work. Students are therefore urged to complete the language requirements as early as possible in their program of studies.

303. Thermodynamics.—Application of the fundamental laws of thermodynamics to physical problems. (Students who register for this course must also register for 2 semester-hours of Chemical Thermodynamics, Chemistry 361.) **1 s.h.** PROFESSOR SPONER

[Not offered in 1937-38]

304. Kinetic Theory of Matter.—Gas laws; Maxwell's distribution law; mean free path; viscosity; heat conductivity; diffusion, phenomena in gases at low pressure; reaction kinetics. **3 s.h.** PROFESSOR SPONER

[Not offered in 1937-38]

307. Advanced Electricity and Magnetism.—An advanced theoretical course based on Jean's *Electricity and Magnetism*, covering the mathematical theory of electrostatics, magnetostatics, current theory and electromagnetism, and illustrated by numerous problems. Particular attention is given to electrostatic problems and methods of solution of Laplace's equation. Prerequisite: Physics 221-222. **3 s.h.** ASSISTANT PROFESSOR CONSTANT

311. Conduction of Electricity Through Gases.—Electron theory of conduction through gases; spark and glow discharges; electric arcs; excitation of spectra; energy levels; radioactive radiations. **3 s.h.**

PROFESSOR EDWARDS

312. Spectroscopy.—First, a study is made of the physics and the adjustments of the various types of instruments to be used in the course. This is followed by a consideration of the methods employed in exciting the various types of spectra, in the sensitization of plates, in the photography of the optical spectrum, in the study of line intensities, and in the computation of wave lengths from photographs of spectra. **3 s.h.**

PROFESSOR EDWARDS

315-316. Principles of the Quantum Theory.—The origin and fundamental concepts of the quantum theories. The mechanics and principles of the Bohr-Sommerfeld theory are followed by those of the more recent theories of wave and matrix mechanics, as developed by De Broglie, Schroedinger, Heisenberg, Born, Jordan, and Dirac. **6 s.h.** PROFESSOR NORDHEIM

317. Advanced Dynamics.—A course which deals with the more advanced phases of dynamics and such topics as the equations of Lagrange and Hamilton; generalized co-ordinates, oscillatory and cyclic motion. Prerequisites: Mathematics 231, 239, 240 and Physics 203-204. **3 s.h.**

ASSISTANT PROFESSOR MOUZON

318. Electrodynamics.—A theoretical study of electromagnetic fields based on the special theory of relativity. Topics included are: the special theory of relativity, fields of moving charges, electromagnetic origin of mass, electromagnetic radiation, and the electromagnetic theory of light. **3 s.h.**

ASSISTANT PROFESSOR CONSTANT

320. X-rays.—The properties of X-rays are interpreted in terms of the interaction between radiation and electrons. An effort is made to gain from a study of available X-ray data better understanding of the structure of the atom and of the nature of X-rays themselves. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR HATLEY

323. Theory of Atomic Spectra.—Excitation of spectra, computation of wave lengths from photographs of spectra, study of the structure of atomic spectra with applications. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR SPONER

324. Theory of Molecular Spectra.—A study of the structure of molecular spectra with applications. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR SPONER

326. Statistical Mechanics.—Comparison of the methods of ordinary and statistical mechanics; properties of statistical ensembles will be discussed with applications to the Maxwell-Boltzman distribution law; equipartition of energy; entropy; and thermodynamical probability. Modifications brought about by quantum theory will be introduced and applied to the emission and absorption of radiation and collisions of the first and second kinds. **3 s.h.**

[Not offered in 1937-38]

PROFESSOR NIELSEN

340. Structure of Matter.—A course which covers certain specialized fields of current interest such as the theory of the solid state, nuclear physics, and the theory of radiation. **3 s.h.**

PROFESSOR NORDHEIM

341-342. Advanced Topics in Physics.—Treatment of more special topics in physics. The fields taken up will vary from year to year. **6 s.h.**

PROFESSOR SPONER

343-344. Radioactivity and Nuclear Structure.—Discovery of radioactivity, properties of Alpha, Beta and Gamma rays, successive transformation, artificial transmutations and nuclear structure. **6 s.h.**

PROFESSOR NIELSEN

351-352. Seminar.—A series of weekly discussions on topics related to the research projects under investigation in the department. *** 2 s.h.**

STAFF

353-354. Thesis Seminar.—Students who are properly qualified may carry on research work under the direction of members of the Staff. **6 s.h.**

STAFF

RELATED COURSES IN OTHER DEPARTMENTS

CHEMISTRY

261-262. Physical and Electrochemistry.—**6 s.h.**

PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR

363-364. Advanced Physical Chemistry.—**6 s.h.**

PROFESSORS GROSS AND VOSBURGH, ASSISTANT
PROFESSOR SAYLOR, AND DR. HILL

ELECTRICAL ENGINEERING

261. Communication Engineering, Audio Frequency.—Two hours class, three hours laboratory. Prerequisites: course 151-152, Mathematics 231. **3 s.h. (E)**

PROFESSOR SEELEY AND MR. RANSON

262. Communication Engineering, Radio Frequency.—Three hours class, three hours laboratory. Prerequisite: course 261. **4 s.h. (E)**

PROFESSOR SEELEY AND MR. RANSON

MATHEMATICS

280. Fourier's Series and Spherical Harmonics.—3 s.h.

ASSOCIATE PROFESSOR GERGEN

284. Vector Analysis.—3 s.h.

PROFESSOR ELLIOTT

375-376. Partial Differential Equations.—6 s.h.

ASSISTANT PROFESSOR MILES

380-381. Potential Theory.—6 s.h.

ASSISTANT PROFESSOR MILES

POLITICAL SCIENCE

PROFESSOR WILSON, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS RANKIN AND VON BECKERATH; ASSOCIATE PROFESSOR COLE; DR. LINEBARGER

FOR SENIORS AND GRADUATES

207. American Constitutional Law and Theory.—A study of leading principles of American government, as developed through judicial interpretation of the Constitution. **3 s.h.**

PROFESSOR WILSON

209. State and Local Government in the United States.—A study of the historical development of state and local governments, their present organization, their relation to each other and to the federal government. **3 s.h.**

PROFESSOR RANKIN

211. Political Institutions of the Far East.—A study of the governmental systems of Japan, China, and India. **3 s.h.**

DR. LINEBARGER

212. International Politics of the Far East.—A study of changing power relationships in the Orient since 1895. **3 s.h.**

DR. LINEBARGER

223. Political Thought to the Seventeenth Century.—A survey of political thought from the time of Plato to the close of the sixteenth century. **3 s.h.**

PROFESSOR WILSON

224. Modern Political Theory.—Political theories of the seventeenth, eighteenth, and nineteenth centuries, with a study of their influence upon modern political institutions. **3 s.h.**

PROFESSOR WILSON

225-226. Comparative Government.—A comparative study of modern political institutions, with special reference to bureaucracy, federalism, fascism, dictatorship, constitutions, representation, parliamentarism, and separation of powers. **6 s.h.**

ASSOCIATE PROFESSOR COLE

227-228. International Law and International Organization.—Elements of international law, and a study of certain international organizations from the point of view of their significance for international law. **6 s.h.**

PROFESSOR WILSON

230. American Political Institutions.—A study of the formation and development of institutions of the national government in the United States, with historical and analytical treatment. **3 s.h.**

PROFESSOR RANKIN

[Not offered in 1937-38]

241-242. Principles of Public Administration.—A study of governmental techniques, personnel and financial administration, and administrative law. **6 s.h.**

[Not offered in 1937-38]

244. Problems in Public Administration.—A study of selected phases of public administration, including budgetary, taxation and accounting methods. 3 s.h. [Not offered in 1937-38]

268. Political Aspects of the Regulation of International Trade.—2 s.h. Economics 268. PROFESSOR VON BECKERATH
[Offered only in the first semester in 1937-38]

291. Municipal Government.—A study of general problems relating to the structural system and activities of municipalities in the United States. 3 s.h. PROFESSOR RANKIN

292. Municipal Administration.—A study of principles and methods of municipal administration in the United States. 3 s.h. PROFESSOR RANKIN

FOR GRADUATES

310. Seminar in State Government.—Open to students who have completed course 209 or its equivalent. 3 s.h. PROFESSOR RANKIN

325. Seminar in Comparative Government.—Open to students who have completed course 225-226 or its equivalent. 3 s.h. ASSOCIATE PROFESSOR COLE

328. Seminar in International Law.—Open to students who have completed course 227-228 or its equivalent, or who may be taking that course. 3 s.h. [Not offered in 1937-38] PROFESSOR WILSON

RELATED COURSES IN OTHER DEPARTMENTS

Economics 216. Economic Functions of the State.—3 s.h. PROFESSOR HOOVER

Economics 235. Public Finance.—3 s.h. ASSISTANT PROFESSOR RATCHFORD

Economics 265. International Trade and Tariff Policies.—3 s.h. PROFESSOR SPENGLER

History 215-216. History of the Foreign Relations of the United States.—6 s.h. ASSOCIATE PROFESSOR CLYDE

History 217-218. Europe since 1870.—6 s.h. PROFESSOR CARROLL

Philosophy 208. Political Philosophy.—3 s.h. ASSOCIATE PROFESSOR MORGAN

Readings in Jurisprudence.—Offered in the School of Law. PROFESSOR FULLER

Roman Law.—Offered in the School of Law. PROFESSOR FULLER

PSYCHOLOGY

PROFESSOR MCDOUGALL, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES;
PROFESSORS LUNDHOLM, RHINE, AND STERN; ASSOCIATE PROFESSOR
ZENER; ASSISTANT PROFESSOR ADAMS;* DR. MCCULLOCH

The aim of the Department is to provide opportunity for study along broad and varied lines, both in theoretical and experimental work in the field of psychology. The scope of interest represented covers the principal lines of subject matter dealing with child, adult, and animal psychology. An unusual variety of theoretical viewpoint is represented on the Staff. The emphasis in the presentation of courses will be, however, less upon quantity and extent than upon balance and selective representation.

* On leave, 1937-1938.

In the direction of research done by graduate students, two general aims will be kept in mind: that of training and that of fruitful achievement. The research carried out for the Master's thesis will be primarily directed with the purpose of training the student. For the Ph.D. thesis, however, there will be a primary emphasis upon the importance of the research and there will be expectation of original contribution.

It is expected that the graduate students will have entered with preparation equivalent to the undergraduate courses offered by this Department. A reading knowledge of French and German is desirable from the beginning and in no case should the acquisition of this be postponed later than the beginning of the second year.

No limitation is laid down as to the departments in which it is possible to minor. In doing graduate study in psychology, those branches of study which are looked upon with most favor, however, are education, sociology, zoology, physiology, and philosophy.

Encouragement is given to originality and freedom in thinking in the individual research of the student. There is wide tolerance of subject matter for research.

FOR SENIORS AND GRADUATES

201. **Social Psychology.**—2 s.h. PROFESSOR McDUGALL
202. **Psychology of Aesthetics.**—3 s.h. PROFESSOR LUNDHOLM
205. **General Psychology.—Selected Problems.**—2 s.h. PROFESSOR STERN
207. **Experimental Psychology.**—Experimental and theoretical contributions to the psychology of cognitive processes: perceiving, thinking, remembering. Lectures, discussion, reports. 3 s.h. ASSOCIATE PROFESSOR ZENER
209. **Advanced Laboratory Methods in Psychology, with Lectures.**—Seniors with permission of instructor. 4 s.h. ASSOCIATE PROFESSOR ZENER
211. **Neurological Foundations of Behavior: A Comparative Study of the Structure and Function of the Nervous System in Relation to Behavior.**—Lectures and laboratory. Seniors with permission of instructor. 4 s.h. ASSOCIATE PROFESSOR ZENER
216. **Seminar in Comparative Psychology.**—2 or 3 s.h. ASSISTANT PROFESSOR ADAMS AND DR. McCULLOCH
217. **Gestalt Theory.**—3 s.h. ASSISTANT PROFESSOR ADAMS
[Not offered in 1937-38]
219. **History of Psychology.**—2 s.h. PROFESSOR McDUGALL
[Not offered in 1937-38]
222. **Philosophical and Psychological Problems of Critical Personalism.**—2 s.h. PROFESSOR STERN
223. **Abnormal Psychology.**—3 s.h. PROFESSOR LUNDHOLM
224. **Laboratory Methods in Animal Psychology.**—3 s.h. ASSISTANT PROFESSOR ADAMS
[Not offered in 1937-38]
225. **Child Psychology.** (with Special Reference to Pre-school Age).—2 s.h. PROFESSOR STERN
226. **Contemporary Schools of Psychology.**—Graduates and Seniors with permission of instructor. 3 s.h. ASSOCIATE PROFESSOR ZENER
[Not offered in 1937-38]
228. **Psychology of Belief.**—2 s.h. PROFESSOR LUNDHOLM

FOR GRADUATES

302. Seminar in Abnormal Psychology.—2 or 3 s.h.
[Not offered in 1937-38] PROFESSOR LUNDHOLM
- 303-304. Research.—2 or 3 s.h.
PROFESSORS LUNDHOLM, McDUGALL, RHINE, AND STERN; ASSOCIATE
PROFESSOR ZENER; ASSISTANT PROFESSOR ADAMS; DR. MCCULLOCH
305. Seminar.—2 or 3 s.h. PROFESSOR McDUGALL
306. Seminar in Child Psychology.—2 or 3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR ADAMS
307. Seminar on Psychology of Personality.—3 s.h. PROFESSOR RHINE
308. Seminar in Child Psychology.
[Not offered in 1937-38] PROFESSOR STERN
309. Theory of Learning.—3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH
310. Introduction to and Critical Survey of Parapsychology (Psychical
Research).—1 s.h. PROFESSOR RHINE
311. Seminar.—Readings in German for Philosophers and Psychologists.—
2 s.h. PROFESSOR STERN
315. Child Psychology.—3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH

RELATED COURSES IN OTHER DEPARTMENTS

EDUCATION

209. Statistical Methods Applied to Education.—3 s.h.
ASSISTANT PROFESSOR EASLEY
218. Educational Implications of Genetic Psychology.—3 s.h. (E)
PROFESSOR BROWNELL
227. The Psychology of Learning: Problems.—3 s.h.
ASSISTANT PROFESSOR EASLEY
228. The Psychology of Learning: Theoretical and Experimental.—3 s.h.
ASSISTANT PROFESSOR EASLEY
- 307-308. Seminar in Educational Psychology.—2 s.h. (E)
PROFESSOR BROWNELL AND ASSISTANT PROFESSOR EASLEY

PHILOSOPHY

- 201-202. The Philosophy of Art.—6 s.h. (E) PROFESSOR GILBERT
203. The Philosophy of Conduct.—3 s.h. ASSOCIATE PROFESSOR MORGAN

SOCIOLOGY

217. General Anthropology.—3 s.h. PROFESSOR ELLWOOD
218. Cultural Anthropology.—3 s.h. PROFESSOR ELLWOOD

BOTANY

202. Genetics.—4 s.h. DR. PERRY

ZOOLOGY

301. **Animal Behavior.**—2 s.h. PROFESSOR PEARSE
 321. **General Physiology.**—4 s.h. PROFESSOR HALL
 341. **Historical and Philosophical Zoology.**—2 s.h. PROFESSOR HARGITT

RELIGION

Graduate work in the field of religion is available in the following departments: Old Testament, New Testament, Christian Doctrine, Church History, Religious Education, Psychology of Religion, History of Religion, Philosophy, and Sociology. Students interested in graduate work in these fields are referred to the bulletin of the School of Religion of Duke University. All the courses listed there, except those of a professional character, may be offered for credit toward the degrees of the Graduate School. A number of these courses will be found listed in this bulletin also under the headings of related departments.

It is possible to secure work leading to the degree of Doctor of Philosophy in a number of these fields. For this degree the departmental groupings of courses are ignored and a program of work is planned for each candidate in which the total resources of the Graduate School will be utilized in so far as they relate to the student's needs and special subject of investigation.

ROMANCE LANGUAGES

PROFESSOR WEBB, CHAIRMAN; PROFESSOR JORDAN, DIRECTOR OF GRADUATE STUDIES;
 PROFESSOR COWPER; ASSOCIATE PROFESSOR LUNDEBERG; ASSISTANT
 PROFESSOR WALTON

FRENCH

FOR SENIORS AND GRADUATES

215-216. **The Modern French Novel.**—A survey of the novel form from the seventeenth to the twentieth centuries, with particular attention to the analysis of fundamental literary tendencies: classicism, rationalism, romanticism, and realism. Prerequisite: 6 s.h. from courses 87-88 and 108 to 114, inclusive. 6 s.h. PROFESSOR JORDAN

217. **French Phonetics.**—French sounds and French spelling; pronunciation drills; exercises in phonetic transcription and dictation; diction; aural comprehension. Prerequisite: 3 s.h. from course 107 or 127-128. 3 s.h. PROFESSOR WEBB

218. **Materials and Methods.**—History of the teaching of French; methods; the course of study; analysis and criticism of representative texts; tests and examinations; objectives; in the light of teaching conditions, equipment, and future application. Prerequisite: course 107 or equivalent. 3 s.h. PROFESSOR WEBB

219. **Old French.**—An introduction to the Old French language and literature. 3 s.h. PROFESSOR COWPER

220. **Old French.**—Types of Old French literature. 3 s.h. PROFESSOR COWPER

227. **French Poetry since Théophile Gautier.**—Old number 336. 3 s.h. ASSISTANT PROFESSOR WALTON

232. **Rousseau and the Beginnings of Romanticism.**—Old number 231. 3 s.h. PROFESSOR COWPER

[Not offered in 1937-38]

FOR GRADUATES

317. **History of the French Language.**—Old number 332. 3 s.h.
[Not offered in 1937-38] PROFESSOR COWPER
- 323-324. **Realism and Naturalism.**—6 s.h.
[Not offered in 1937-38] PROFESSOR JORDAN
- 325-326. **French Literature in the Sixteenth Century.**—6 s.h.
ASSISTANT PROFESSOR WALTON
328. **Anatole France.**—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR WALTON
329. **History of French Civilization.**—3 s.h.
[Not offered in 1937-38] PROFESSOR WEBB
330. **Victor Hugo.**—3 s.h.
[Not offered in 1937-38] PROFESSOR WEBB
331. **Diderot and the Encyclopédie.**—3 s.h.
[Not offered in 1937-38] PROFESSOR COWPER
- 333-334. **French Literature, 1890-1914.**—6 s.h. PROFESSOR JORDAN

SPANISH

FOR SENIORS AND GRADUATES

- 261-262. **The Modern Spanish Novel.**—6 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR LUNDEBERG
265. **Golden Age Literature: Cervantes.**—The *Novelas ejemplares*: analytic study of the tales, their sources, style, literary importance, and influence on world literature. 3 s.h.
ASSOCIATE PROFESSOR LUNDEBERG
266. **Golden Age Literature: The Don Juan Theme.**—Study of representative Don Juan plays of the Golden Age; special reference to the use of this *motif* by later writers in Spain and abroad. 3 s.h.
ASSOCIATE PROFESSOR LUNDEBERG

SOCIOLOGY

PROFESSOR ELLWOOD, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSOR JENSEN; ASSISTANT PROFESSOR THOMPSON

FOR SENIORS AND GRADUATES

205. **Social Pathology.**—A study of the causes, extent, significance, and constructive treatment of the principal forms of pathology in modern society: poverty, physical defectiveness, malnutrition, mental deficiency, mental disease, undirected leisure-time activities and unstandardized commercial recreation, alcoholism, prostitution, vagrancy, and delinquency. Prerequisite: course 91-92 or 101. 3 s.h.
PROFESSOR JENSEN
206. **Criminology.**—A study of the original tendencies of man and the problem of socializing these tendencies; the relation of physical and mental defectiveness and untoward influences in the home and neighborhood to crime; the development of criminological theory and procedure, emphasizing penal and reform methods, and especially modern methods of social treatment and prevention of crime. Prerequisite: course 91-92 or 101. 3 s.h.
PROFESSOR JENSEN

212. Child Welfare.—A study of heredity and environment as factors in personality development; infant conservation; welfare responsibilities of the school, emphasizing the physical and mental well-being of the child, play, and compulsory and industrial education; child labor, diagnosis and treatment of delinquency; care of the dependent and neglected child; child-caring agencies, public and private; and a community program of child welfare. Prerequisite: course 91-92 or 101. **3 s.h.** PROFESSOR JENSEN

[Not offered in 1937-38]

213. Constructive Social Policies.—An intensive study of the theories and legislation dealing with such problems as compensation, vocational re-education, and other methods of social insurance and social improvement. Prerequisite: course 91-92 or 101. **2 s.h.** PROFESSOR JENSEN

[Not offered in 1937-38]

217. General Anthropology.—A study of the origin and evolution of man as an animal and of the different races of mankind. The prehistoric human types, the principles of ethnology, and the characteristics of the Negro, Mongolian, American, and Caucasian races. Lectures and assigned reading. **3 s.h.** PROFESSOR ELLWOOD

218. Cultural Anthropology.—A study of social origins and of the earliest stages of cultural evolution; the stone and metal ages; the origins of industry, language, magic, religion, morals, science, art, and social organization in the family, horde, clan, and tribe. Lectures and assigned reading. **3 s.h.** PROFESSOR ELLWOOD

219. Urban Sociology.—This course studies the function of the city in the larger community which it nucleates both as market and as industrial center. More detailed attention, however, is given to the inner life and problems of the city. Prerequisite: course 91-92 or 101. **3 s.h.**

ASSISTANT PROFESSOR THOMPSON

220. Rural Sociology.—A study of the societies developed by people who settle the land and exploit it for a livelihood. The institutions peculiarly rural are the farm family, the peasant village, the ranch, and the plantation. In this course special attention is given to the plantation and the rural problems of the South. Prerequisite: course 91-92 or 101. **3 s.h.**

ASSISTANT PROFESSOR THOMPSON

227. Emigration and Immigration.—A study of territorial movements of population with especial reference to Europe and America. Causes and extent of migration; its effect upon American and European society; origin and characteristics of immigrant groups and their organizations in the New World; problems, agencies, and processes of assimilation. Prerequisite: course 91-92 or 101. **3 s.h.** PROFESSOR JENSEN

[Not offered in 1937-38]

232. The American Indian.—The origin, history, and culture of the American Indian stocks, with especial reference to those of North America. **3 s.h.** [Not offered in 1937-38]

242. Marriage and the Family.—An analysis of contemporary marriage and family experience with emphasis on its functions, problems, resources, and values. Prerequisite for undergraduate credit: Sociology 91-92 or 101. **2 s.h.** PROFESSOR GROVES (U. N. C.)

FOR GRADUATES

319. Principles of Sociology.—A critical study of sociological theory. The sociological theories of recent writers will be critically examined with a view to laying the foundation for a constructive theory of the social life in modern biology and psychology. Discussions and papers by the class. **3 s.h.** PROFESSOR ELLWOOD

320. History of Social Philosophy.—Lectures on the development of social thought from Aristotle to the present: the social philosophies of Plato, Aristotle, St. Augustine, Thomas Aquinas, Machiavelli, Bodin, Hobbes, Locke, Vico, Montesquieu, Rousseau, Condorcet, and the sociological systems of Comte, Spencer, Schaeffle, Lilienfeldt, Gumprowicz, Ratzenhofer, and Ward, will, among others, be considered. A large amount of assigned reading will be required in this course. The student is advised to correlate this course with related courses in economics, history, political science, and philosophy. **3 s.h.**
 PROFESSOR ELLWOOD

322. Methods of Social Research.—A study of the various methods of research and investigation that can be applied to the study of social phenomena. **3 s.h.**
 PROFESSOR JENSEN

330. Seminar.—Research work upon special problems in sociology and social work. One hour each week throughout the year. **2 s.h.**

PROFESSORS ELLWOOD AND JENSEN AND ASSISTANT
 PROFESSOR THOMPSON

340. Seminar.—Special problems in race relations, urban and rural life, and the sociology of the South generally. **3 s.h.**

ASSISTANT PROFESSOR THOMPSON

ZOOLOGY

PROFESSOR PEARSE, CHAIRMAN; PROFESSOR HARGITT, DIRECTOR OF GRADUATE STUDIES; PROFESSORS CUNNINGHAM AND HALL; ASSOCIATE
 PROFESSOR GRAY

FOR SENIORS AND GRADUATES

219-220. Special Problems.—Students who have had proper training may carry on special work under the direction of members of the Department. (Not more than 4 hours credit may be obtained in one semester.) **STAFF**

222. Entomology.—A general course dealing with anatomy, physiology and classification of insects. Prerequisite: one year of zoology. **4 s.h.**

ASSOCIATE PROFESSOR GRAY

229. Endocrinology.—The structure, physiology, and embryology of the endocrine glands. Lectures, reading assignments, and reports. Prerequisites: Zoology 53, 92. **3 or 4 s.h.**

PROFESSOR CUNNINGHAM

FOR GRADUATES

301. Animal Behavior.—The development of mind in animals. Assigned readings, lectures, and conferences. Offered in alternate years. **2 s.h.**

PROFESSOR PEARSE

303. Ecology.—Natural history of animals; relations to environment. Assigned readings, lectures, reports, conferences. Offered in alternate years. **2 s.h.**

PROFESSOR PEARSE

[Not offered in 1937-38]

304. Advanced Parasitology.—Lectures, conferences, readings and laboratory work, dealing with practical and theoretical matters relating to animal parasites. Offered in alternate years. Prerequisite: Zoology 161. **2 or more s.h.**

[Not offered in 1937-38]

PROFESSOR PEARSE

306. Advanced Ecology.—Lectures, conferences, field work, and methods. Prerequisite: Zoology 303. Offered in alternate years. **4 s.h.**

[Not offered in 1937-38]

PROFESSOR PEARSE

321. General Physiology.—Comparative study of functions in all animal groups, especially of vertebrates. Lectures, laboratory, and conferences. **4 s.h.**

PROFESSOR HALL

324. Advanced Physiology.—Present-day problems in physiology, with laboratory projects involving precise instrumental analyses. Lectures, conferences, and laboratory work. Prerequisite: Zoology 151 or 321. **4 s.h.**

PROFESSOR HALL

327. Experimental Embryology.—Lectures, assigned readings and reports. Offered in alternate years. Prerequisites: Zoology 92, 151. **3 s.h.** (Formerly 227.)

PROFESSOR CUNNINGHAM

341. Historical and Philosophical Zoology.—Readings and discussions. A critical study of the development of modern biological concepts and theories, their past and present significance. Offered in alternate years. **2 s.h.**

[Not offered in 1937-38]

PROFESSOR HARGITT

343. Cytology.—The structure of the cell. Lectures, readings, reports and laboratory work. Prerequisites: Zoology 53, 92, 156 or equivalents. Offered in alternate years. **4 s.h.**

PROFESSOR HARGITT

351-352. Zoological Journal Club.—A weekly meeting of graduate students and Faculty to hear reports and to discuss biological facts, theories, and problems. One hour a week throughout the year. Required of all graduate students who major in zoology. **2 s.h.**

STAFF

353-354. Research.—Students who have had proper training may carry on research under the direction of members of the Staff, in the following fields: Hours and credits to be arranged.

(a) **Embryology and Endocrinology.**

PROFESSOR CUNNINGHAM

(b) **Comparative and General Physiology.**

PROFESSOR HALL

(c) **Histology and Cytology.**

PROFESSOR HARGITT

(e) **Ecology, Parasitology, and Behavior.**

PROFESSOR PEARSE

(f) **Comparative Anatomy and Entomology.**

ASSOCIATE PROFESSOR GRAY

355-356. Seminar.—Special seminar courses in particular fields are given by various professors when the number of students makes them desirable. Hours and credits to be arranged.

(a) **Embryology and Endocrinology.**

PROFESSOR CUNNINGHAM

* (b) **Comparative and General Physiology.**

PROFESSOR HALL

(c) **Histology and Cytology.**

PROFESSOR HARGITT

* (e) **Ecology, Parasitology, and Behavior.**

PROFESSOR PEARSE

* (f) **Comparative Anatomy and Entomology.**

ASSOCIATE PROFESSOR GRAY

* [Not offered in 1937-38]

RELATED COURSES IN OTHER DEPARTMENTS

Courses such as the following should be considered as available for students in zoology.

Botany 202. Genetics.—4 s.h.

DR. PERRY

Botany 221. Structure and Classification of Fungi.—4 s.h.

[Not offered in 1937-38]

PROFESSOR WOLF

Botany 252. Advanced Plant Physiology.—4 s.h.

ASSISTANT PROFESSOR KRAMER

Botany 256. Field Ecology.—4 s.h.

ASSISTANT PROFESSOR OOSTING

Botany 341. Methods in Plant Physiology.—4 s.h.

ASSISTANT PROFESSOR KRAMER

Botany 342. Plant Microchemistry.—2 s.h.

ASSISTANT PROFESSOR ADDOMS

Chemistry 260. Colloid Chemistry.—3 s.h.

PROFESSOR VOSBURGH, ASSISTANT PROFESSOR SAYLOR

Chemistry 261-262. Physical and Electro Chemistry.—6 s.h.

PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR

Physics 103. Electricity and Magnetism.—3 s.h.

ASSISTANT PROFESSOR CONSTANT

Physics 104. Electrical Measurements.—3 s.h.

PROFESSOR NIELSEN

Physics 205-206. Physical Optics.—6 s.h.

PROFESSOR HATLEY

Psychology 224. Laboratory Methods in Animal Psychology.—3 s.h.

ASSISTANT PROFESSOR ADAMS

M221. Bacteriology and Immunology.—4 s.h.

DR. D. T. SMITH AND STAFF

M323. Advanced Bacteriology and Immunology.—8 s.h.

DR. D. T. SMITH AND STAFF

M241. General Biochemistry.—6 s.h.

DR. PERLZWEIG, DR. TAYLOR, AND STAFF

M263. Physiology of Digestion, Metabolism, and Nutrition.—2 s.h.

DRS. W. J. DANN, EADIE, AND F. M. BERNHEIM

COURSES IN THE MEDICAL SCHOOL OPEN TO GRADUATE STUDENTS

PROFESSORS EADIE, PERLZWEIG, D. T. SMITH, SWETT; ASSOCIATE PROFESSORS F. M. BERNHEIM, HETHERINGTON, AND MCCREA; ASSISTANT PROFESSORS M. L. C. BERNHEIM, DANN, AND TAYLOR; DRs. CONANT, EVERETT, HOLLINSHEAD, AND YATES

The facilities of the Departments listed below are available to qualified students for independent or supervised research and investigations whether working for advanced degrees or otherwise.

ANATOMY

M201. Gross Human Anatomy.—A course especially designed for graduate students, comprising a complete dissection of the cadaver. The laboratory work is supplemented by conferences which place emphasis on the biological aspects of the subject. *Fall and winter quarters.* Hours and credits (maximum 8 s.h.) by arrangement. Prerequisites: Zoology 41 and 191 or the equivalent. DR. SWETT AND STAFF

M202. Microscopic Anatomy.—Conferences and laboratory work on the morphological characteristics of the tissues of the animal body. The work is based upon a study of fresh and prepared material and is approached from the physiological viewpoint. *Fall quarter.* Hours and credits (maximum 2 s.h.) by arrangement. Prerequisite: Zoology 42 (General Histology) or its equivalent. DR. HETHERINGTON AND STAFF

M203. Anatomy of the Nervous System.—A study of the gross and microscopic structure of the human central nervous system, special attention being paid to the structural and functional relationships between the various nuclei and fiber tracts. *Winter quarter.* Hours and credits (maximum 4 s.h.) by arrangement. Prerequisite: Anatomy M201. DR. HETHERINGTON

M204. Human Embryology.—A lecture and seminar course dealing with the development of the individual with especial reference to the human. Laboratory work, hours and credits (maximum 2 s.h.) by arrangement. Limited to eight students. Prerequisites: Zoology 41 and 191. DR. SWETT AND STAFF

M205. Regional Anatomy.—A study of transverse sections of the human body for the purpose of establishing the spatial relationships of the various organs. Hours and credits (maximum 3 s.h.) by arrangement. Prerequisites: Anatomy M201 and M202.

DR. SWETT AND STAFF

BACTERIOLOGY AND IMMUNOLOGY

M221. Bacteriology and Immunology.—This course is devoted primarily to the study of the biological and immunological relationships of microorganisms in disease. It is not a course in bacteriologic technique. An additional course in technical methods is provided for those who require it. Two hours lecture and 8 hours laboratory per week in fall quarter. Prerequisites: courses in general zoology, general botany, histology and comparative anatomy, general and organic chemistry. 4 s.h.

DR. D. T. SMITH AND STAFF

M323. Advanced Bacteriology and Immunology.—This course is intended primarily for graduate students majoring in bacteriology, but it is also available as a minor to such other graduate students in related fields, to whom it is recommended by respective supervising committees and with the approval of the Department of Bacteriology. 8 s.h.

DR. D. T. SMITH AND STAFF

BIOCHEMISTRY

M241. General Biochemistry.—Three lectures, four laboratory periods of three hours each, and one two-hour seminar weekly for eleven weeks. Prerequisites: general chemistry, organic chemistry, elementary physical and analytical chemistry and at least one year of college biology. *Winter quarter.* 6 s.h.

DR. PERLZWEIG, DR. TAYLOR, AND STAFF

M242. Biochemical Preparations.—Eight hours laboratory with conferences when necessary. This course involves detailed study of the chemistry of enzymes, proteins, fats, carbohydrates and derivatives. Prerequisite: Biochemistry M241. *Spring, summer, fall quarters.* Hours by arrangement. 2 s.h.

DR. TAYLOR AND STAFF

M341. Pathological Chemistry.—Seminar course devoted to a detailed study of the chemical and physical chemical aspects of normal and abnormal metabolism. Two hours per week by arrangement. Prerequisites: Biochemistry M241 and Physiology M251-2. *Winter, spring, and summer quarters.*

Laboratory work consisting chiefly of blood and urine analysis in relation to problems discussed will be provided for students desiring it.

DRS. PERLZWEIG, TAYLOR, AND M. L. C. BERNHEIM

PHYSIOLOGY AND PHARMACOLOGY

M261-2. Human Physiology and Pharmacology.—Six lectures and twenty laboratory hours per week. Prerequisites: Anatomy M201 and Biochemistry M241 (or equivalents) and at least one year of college physics. *Spring quarter.* Credits depending on work taken. (Maximum 8 s.h.)

The lectures in pharmacology, two hours per week, are included in this course and may be taken separately or omitted, depending upon the needs of the student.

DR. EADIE AND STAFF

M263. Physiology of Digestion, Metabolism, and Nutrition.—Two hours lectures and conferences and the equivalent of one laboratory period of three hours per week. Prerequisite: Biochemistry M241. *Spring quarter.* 2 s.h.

This course constitutes a part of Physiology M261-2, but may be taken separately.

DRS. W. J. DANN, EADIE, AND F. M. BERNHEIM

M361. Advanced Physiology.—Advanced lectures on selected topics in Physiology. One hour per week. Prerequisites: Physiology M261 and M262. *Spring or summer quarters.* 1 s.h.

DR. EADIE AND STAFF

THE SUMMER SCHOOL

The Duke University Summer School is divided into three terms of six weeks each. Many courses giving graduate credit are offered by members of the University Faculty and by visiting professors. A bulletin containing information regarding the graduate courses to be offered during the summer of 1937 may be obtained by addressing the Director of the Summer School, Duke University, Durham, N. C. Summer school graduate students who desire to be admitted as candidates for advanced degrees should make application to the Dean of the Graduate School and furnish official transcripts of the work done for the Bachelor's degree. Such application may be made by correspondence or in person during the first week of each summer term.

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester, and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES IN THE ACADEMIC YEAR

Matriculation, per semester.....	\$ 25.00
Tuitions, per semester.....	100.00
Room-rent—See the detailed statement that follows.	
Athletic fee, admitting students to all athletic contests held on the University grounds, per semester.....	
Damage fee, payable annually at the time of first registration.....	5.00
Medical fee, per semester.....	1.00
Library fee, per semester.....	5.00
Commencement fee, payable once by graduate students in the last semester before a degree is conferred.....	5.00
Diploma fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	3.00
For further information concerning room-rent, see below.	

SPECIAL FEES

Graduate students in the sciences are required to pay the special laboratory fees for courses as fixed by the various departments. An administrative fee is charged in connection with special research work in the summer under direction of a member of the Faculty.

STUDENTS FROM THE UNIVERSITY OF NORTH CAROLINA GRADUATE SCHOOL

Regular students from the University of North Carolina Graduate School admitted to courses in the Duke University Graduate School pay a registration fee of \$2.00 and any laboratory or special course fees which are required of all students.

TRANSCRIPTS

A student desiring to transfer from Duke University to another institution is entitled to one transcript of his record. A charge of \$1.00 is made for each additional copy.

PAYMENTS TO FELLOWS AND SCHOLARS

Payments by the University of stipends to fellows and scholars are made in four installments, on November 25, January 25, March 25, and May 25.

Fellows and scholars are required to pay the regular tuition fee and such additional fees as are ordinarily required of graduate students. Assistants who are permitted to register for only four-fifths of a regular program for a year are charged a proportionate amount of the tuition fee in addition to the same matriculation and minor fees as other students.

TEACHERS TAKING GRADUATE COURSES

For the purpose of aiding North Carolina teachers in their professional preparation, Duke University grants a special tuition rate to members of the faculties of nearby schools and colleges who desire to register during the regular academic session for one or two graduate courses. For such courses a teacher is required to pay a registration fee of \$5.00 at the beginning of each semester and a tuition fee of \$3.00 for each semester-hour of work, together with any regular laboratory fees which may be required in these courses. A student may not register for more than seven hours per week under this provision.

Instructors, part-time instructors, members of the Library Staff, other similar members of the University Staff, and ministers of nearby churches may be included under the above provision by the Dean of the Graduate School, provided such persons are not receiving more than one-half credit for residence in meeting the requirements for advanced degrees.

The special tuition rate for teachers does not apply in any case to the holders of fellowships, graduate scholarships, and graduate assistantships annually awarded in the Graduate School of Arts and Sciences.

ROOMS AND CONDITIONS OF RENTING THEM

ROOM-RENT FOR MEN OF DUKE UNIVERSITY

West Campus, per semester.....	\$50.00, \$62.50, and \$75.00
East Campus, per semester.....	\$30.00 and \$50.00

All graduate courses are given on the West Campus.

ROOM-RENT IN WOMAN'S COLLEGE

Single room, Aycock House, per semester, per student.....	\$75.00
Double room, Aycock House, per semester, per student.....	50.00

Rooms are reserved only for students who have been officially accepted by the University. They are rented for no shorter period than one semester. The occupancy of a room for a period less than one semester will cost the student \$1.00 each day unless the occupant makes the necessary arrangements with the Director in the Business Division before occupying the room. A room deposit of \$25.00 is required of each applicant for admission. The fee is deducted from the room charges at the time of registration for the full semester. The reservation fee will be refunded to an applicant not accepted by the University provided the official receipt for the fee, given to all paying it, is presented either in person or by letter to the Treasurer's Office, but students who make application and are accepted will not be entitled to have the reservation fee refunded unless the request is made on or before August 1.

A resident student who wishes to retain his room for the succeeding year must first pay a reservation fee of \$25.00 to the Treasurer's Office and then notify the office of the Director in the Business Division on or before May 15. All rooms which have not been signed for on or before May 15 will be considered vacant for the succeeding year. When a room is once engaged by a student, no change will be permitted except with the consent of the Director in the Business Division. Leaving one room and occupying another without permission is strictly against the rule and will render the offender liable to a charge for both rooms for the entire semester. No occupant is permitted to rent or sublet a room to another occupant. The use of a room for merchandising of any kind is strictly forbidden.

The University does not assume the responsibility of selecting and assigning room-mates, though it will gladly render any assistance possible in the matter.

DORMITORIES FOR MEN

On the West Campus there are three groups of dormitories, Craven, Crowell, and Kilgo. Each group forms a quadrangle enclosing a court. Certain sections are reserved especially for the use of students of the Graduate School of Arts and Sciences.

DORMITORY ROOMS FOR GRADUATE WOMEN

Five new dormitories, built especially for women and newly and attractively furnished, were opened in September, 1930. In each hall, serving as a center for the social life of the hall, are a large living-room and three small reception rooms. The students' rooms are single, double, or arranged in suites of two rooms for two, three, or four students and are supplied with all necessary furnishings except towels, sheets, pillow-slips, blankets, and heavy bedcoverings. All undergraduates from out of town are expected to live in the dormitories, and no student under twenty-one is permitted to live outside of the dormitories unless with near relatives. Special arrangements may be made with the Dean by graduate women who wish to live in town. Graduate students will be welcomed in the dormitories, and special regulations will be made for their convenience. Heads of the halls, with the co-operation of the Student Council, have general charge of the social life of the halls. Connected with the dormitories by arcades is the Union, which includes dining-rooms for students and Faculty, a lounge, and other rooms for various student activities.

BOARDING ACCOMMODATIONS

Trinity College, West Campus.—Beginning with the academic year 1930-31 the University opened its dining-hall in the Union on the West Campus with accommodations sufficient to provide in a superior way for all resident men students. It is the policy of the University to furnish board to its students at actual cost. Charges for board will not exceed \$25.00 per month.

The Union is the logical center of student activities for men, and it will be found desirable for male students to board in its supervised halls. In the Union are located the University Post Office, the University Store, the University Barbershop, and all publication staff offices.

In addition to the Union dining-halls a coffee shop is operated for the convenience of students and visitors.

Woman's College, East Campus.—The dining-halls of the Woman's College are situated in the Union, the student center, on the East Campus. Board is \$112.50 per semester.

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a graduate student are moderate, the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum cost, while all charges made by the University have been kept low. Incidental expenses naturally depend upon the tastes and habits of the individual. The following table gives the necessary college expenses for one year:

	<i>Low</i>	<i>Moderate</i>	<i>Liberal</i>
Tuition	\$200.00	\$200.00	\$200.00
Matriculation	50.00	50.00	50.00
Room-rent	60.00	100.00	150.00
Board	225.00	225.00	225.00
Laundry	20.00	25.00	30.00
Books	22.50	30.00	45.00
Library Fee	10.00	10.00	10.00
Athletic Fee	10.00	10.00	10.00
Damage Fee	1.00	1.00	1.00
Medical Fee	10.00	10.00	10.00
<i>Total</i>	<i>\$608.50</i>	<i>\$661.00</i>	<i>\$731.00</i>

ADVANCED DEGREES CONFERRED, JUNE 8, 1936

MASTER OF ARTS

Allen, Ruth Couch	*Chandler, Everett Roller
Almy, Theodore Benjamin	Clark, Charles Branch
Altland, Paul Daniel, Jr.	*Clarkson, Helen Elizabeth
*Baisden, Louis Almer	*Coleman, Donna Elizabeth
Baker, Virginia Kirk	*Cornwell, William Samuel
*Baldwin, Clinton Theodore	Correll, Donovan Stewart
*Barocco, Orlando Iderico	*Covington, Bessie
Bates, Roger Gordon	Culbreth, Sarah Elizabeth
*Bell, Mary Catherine	*Day, William Franklin
Beville, Stuart McGuire	Drummond, Kitty Lomax
Black, Elma Jeanette	*Dusseau, John LaFontaine
*Boggs, Mary Amber	*Espy, Gladys
*Bond, Wita Avis	*Evancoe, Paul John
*Buchanan, Grace Evelyn	*Flory, Lula Mae
*Caldwell, John Tyler	Fluegel, Edna Rose
*Chalker, Robert Phelps	George, Theodore Samuel

* *In absentia.*

- Hammons, John William
 *Harrison, Francis Eugene, Jr.
 Hart, William Maroney
 Haught, Viva Elizabeth
 *Henderson, Mary Elizabeth
 Hentz, Harold Horace
 *Hester, Ernest Carrington
 Hopkins, John Isaac
 *Horn, Herman Lionel
 *Hudson, Lucile Burruss
 *Hughes, Homer Howard
 *Humrichouse, Ann Stockton
 Hurwitz, Arnold Philip
 *Illich, Mary Virginia
 Jaffe, David
 *James, Helen Rebecca
 *Johnson, Aliene
 *Joslin, Vinnie Rona
 Kirk, Philip Moore
 Lyon, Catharine Hill
 McCallie, Robert Lewis
 McLean, Ruth Atkinson
 McNicoll, Robert Edwards
 Markham, Eleanor Mallory
 *Maxwell, Edith Crawford
 *Meyer, Ambrose Eden
 *Miller, James Kyle
 *Mouton, Eve Rita
 Nickerson, Virginia Howard
 O'Connell, John Francis
 *O'Connor, Ruth
 Oliver, Henry Madison, Jr.
 Palmer, James Edward, Jr.
 Peeler, Banks J.
 Poovey, Maybelle
 Purcell, Mae Maxine
 *Rice, Ruth Smith
 *Rimmer, Maude Ella
 Rosenblatt, Max Barr
 *Ross, Ella Virginia
 *Rundlett, Thurman Learoyd
 Ryder, Katherine Scribner
 Seigler, Milledge Broadus
 *Sloan, Marion Lucile
 *Snowden, Jesse Otho
 Stadthagen, Heinz
 Timberlake, Emily Kent
 *Turner, Anne
 Ward, Ellen Gunter
 Watson, Karl Brantley, Jr.
 *White, Mary Rebecca
 Whitney, Clara Frances
 *Wildman, Edith Grace

MASTER OF EDUCATION

- *Alexander, Thomas Ley
 Brooks, Onnie Estus
 Browning, Elmer Ross
 Browning, Marie Boggess
 Bryson, Daniel Winfred
 *Burgess, James Rowland, Jr.
 *Davis, Ira Claude
 Deans, Edwina
 Henson, Eleanor Elizabeth
 *Hoag, Merritt Eldred
 *McCormick, Dwight Williams
 McElmurray, Emily Leslie
 Mitchell, James Harvey
 *Mitchell, John Aubrey
 *Otey, Cosby Millard
 *Parkhurst, Amos James
 *Pearce, Lora May
 *Pritchett, Leo Klutzz
 *Reuter, William Leo
 *Rountree, Elliott Moye
 *Shaw, Daryl Winston
 *Sims, Clara Mabel
 Skeen, James Morris
 Stewart, Burton Gloyd
 *Strange, William Ernest
 Thackston, Thomas Jefferson
 *Thompson, Paul Everett

DOCTOR OF PHILOSOPHY

- ADAMS, JOHN CLINTON, A.B., University of Pennsylvania; A.M., Duke.
 Dissertation: *European Diplomacy and the First Balkan War*.
 AGNEW, DONALD CHARLES, A.B., Park College; A.M., Duke.
 Dissertation: *The Effect of Varied Amounts of Phonetic Training on Primary Reading*.
 ASKEW, WILLIAM CLARENCE, A.B., Mercer; A.M., Duke.
 Dissertation: *Europe and Italy's Acquisition of Libya: A Study in Mediterranean Politics and European Alignments, 1911-1912*.
 * In absentia.

BILLINGS, WILLIAM DWIGHT, A.B., Butler; A.M., Duke.

Dissertation: *The Structure and Development of Old Field Shortleaf Pine Stands and Certain Associated Physical Properties of the Soil.*

DEARBORN, DONALD CURTIS, A.B., Hastings College; A.M., University of Nebraska.

Dissertation: *Inequalities Among the Invariants of Pfaffian Systems.*

DILLON, CONLEY HALL, A.B., Marshall College; A.M., Duke.

Dissertation: *The Interpretation and Revision of International Labor Conventions.*

GIBSON, WILLIAM MARION, A.B., University of Richmond; A.M., Duke.

Dissertation: *Some Legal Aspects of the National Treatment of Aliens in the United States: A Study of the Definition and Protection of Personal Rights Accorded Aliens in the United States.*

HARTON, JOHN JAMES, A.B., Hendrix College; A.M., George Peabody College.

Dissertation: *The Influence of Effort, Persistence and Types of Goal Organization on the Estimation of Time.*

HOBBS, MARCUS EDWIN, A.B., A.M., Duke.

Dissertation: *The Determination of the Dielectric Constants of Certain Gaseous Substances.*

*IRONS, GEORGE VERNON, A.B, A.M., University of Alabama.

Dissertation: *The Secession Movement in Georgia, 1850-1861.*

JACOKES, JAMES WARNER, JR., B.S., Union.

Dissertation: *The Determination of the Dielectric Constants of Certain Dilute Non-Aqueous Solutions.*

JARMAN, LAURA MARTIN, A.B., Mary Baldwin College; A.M., Duke.

Dissertation: *Edmond and Jules de Goncourt, Modernists in Abnormal Psychology.*

JORDAN, THOMAS EARL, B.S., Atlantic University; M.S., University of Richmond.

Dissertation: *An Investigation of the Reactions of Certain Acyl-Aldoximes with Bases.*

MCCUTCHEON, FREDERICK HAROLD, B.S., M.S., North Dakota Agricultural College.

Dissertation: *Hemoglobin Function during the Life History of the Bullfrog.*

MORGAN, JASPER EUGENE, B.S., Wake Forest College; A.M., Duke.

Dissertation: *Cosmic Ray Shower Production in Various Elements.*

PATTERSON, MARGUERITE TIFFIN, B.S., University of Washington; M.S., University of Colorado.

Dissertation: *The Cellular Structure of the Digestive Organs of the *Pasalus* Beetle.*

*PORTERFIELD, AUSTIN LARIMORE, A.B., Oklahoma City University; A.M., Drake; B.D., Phillips.

Dissertation: *The Function of Imagination in Social Research.*

PRATT, JOSEPH GAITHER, A.B., A.M., Duke.

Dissertation: *Experimental Investigations of Discriminative Learning in Rats.*

PULLIAS, EARL VIVON, A.B., Cumberland; A.M., University of Chicago.

Dissertation: *Disparity in Results from New-Type or Objective Tests Constructed to Measure the Same Abilities.*

RANKIN, JOHN STEWART, JR., A.B., A.M., Wesleyan.

Dissertation: *An Ecological Study of the Parasites of Some North Carolina Salamanders.*

REED, JOHN FREDERICK, A.B., Dartmouth College; A.M., Duke.

Dissertation: *Root and Shoot Growth of Shortleaf and Loblolly Pines in Relation to Certain Environmental Conditions.*

* *In absentia.*

*RINTELEN, JOSEPH CHARLES, JR., B.S., Brooklyn Polytechnic Institute; M.S., Cornell.

Dissertation: *The Study of the Solubility of a Series of Organic Compounds in Water at Various Temperatures.*

SPANGLER, HELEN VIRGINIA, A.B., M.S., West Virginia.

Dissertation: *The Anatomical and Histological Results of Potassium Deficiency in Tomato and Tobacco.*

TRUESDALE, JAMES NARDIN, A.B., A.M., Duke.

Dissertation: *A Comic Prosopographia Graeca.*

WILLIFORD, ANNIE MAY, A.B., Anderson College; A.B., Barnard College; A.M., Columbia.

Dissertation: *The Political Life of Robert Harley, Earl of Oxford and Mortimer.*

* *In absentia.*

LIST OF GRADUATE STUDENTS

ACADEMIC YEAR, 1936-37

Allen, Catharine Gansvoort	Albany, N. Y.
B.S. (Keuka College), Sociology, Economics.	
Altland, Paul Daniel, Jr.	York, Pa.
B.S. (Gettysburg College), A.M. (Duke), Zoology.	
Anderson, Marcia Lee	Durham, N. C.
A.B. (Bryn Mawr College), English.	
Andrews, Leslie Kearns	Mt. Gilead, N. C.
B.S. (North Carolina State College of Agriculture and Engineering of the University of North Carolina), Forestry, Botany.	
Ashworth, Rufus Charles	Winter Park, Fla.
A.B. (Duke), Education.	
Ayers, Archie Raymond	Calhoun Falls, S. C.
B.S. (University of South Carolina), Physics, Mathematics.	
Ayers, John Carr	Marcellus, Mich.
A.B. (Kalamazoo College), M.S. (Kansas State College), Zoology, Botany.	
Bagby, James Willis, Jr.	Johnson City, Tenn.
B.S. (East Tennessee State Teachers College), Education, Psychology.	
Ball, Esther Judson	Lowell, Mass.
A.B. (Duke), German.	
Barnes, Annette	Elm City, N. C.
A.B., A.M. (Duke), Romance Languages.	
Barnes, William Speight	Raleigh, N. C.
A.B. (Duke), J. D. (University of Arizona), Physics, Mathematics.	
Bates, Roger Gordon	Cummington, Mass.
B.S. (Massachusetts State College), A.M. (Duke), Chemistry.	
Beamer, Celestine Marie	Twin Falls, Idaho
B.S. (Duke), Physiology.	
Beck, Lewis White	Griffin, Ga.
A.B. (Emory), A.M. (Duke), Philosophy, Psychology.	
Bettersworth, John Knox	Jackson, Miss.
A.B. (Millsaps College), History.	
Bird, Imogen	Washington, D. C.
A.B. (Mary Baldwin College), English.	
Blackwell, Henry Conrad	Richmond, Va.
B.Ph. (Emory), A.M. (Duke), Sociology, Economics.	
Bloom, Leonard	Everett, Mass.
B.S., A.M. (Boston), Sociology.	
Bogges, William Randolph	Oakvale, W. Va.
A.B. (Concord State Teachers College), Botany, Forestry.	
Bolen, Claude Waldron	Bluefield, W. Va.
A.B. (Emory and Henry College), A.M. (Duke), History, Political Science.	
Bond, Esther May	Sarasota, Fla.
B.S., M.S. (Florida State College for Women), Psychology, Mathematics.	
Bowden, William Robert, Jr.	Dunbar, Pa.
A.B. (Haverford College), English.	
Brewster, Lawrence Fay	Durham, N. C.
A.B. (College of William and Mary), A.M. (Columbia), History.	

- Bright, Robert Dietrich
A.B. (Dartmouth College), Chemistry, Physics. Passaic, N. J.
- Broadway, Blanche
A.B., A.M. (Duke), History. Durham, N. C.
- Brown, Dalton Milford
B.S., M.S. (University of Tennessee), Botany, Forestry. Johnson City, Tenn.
- Brown, James Wilson
B.S. (University of Maryland), Forestry, Botany, Chemistry. Washington, D. C.
- *Bruner, Jerome Seymour
A.B. (Duke), Psychology, Zoology. Forest Hills, N. Y.
- Burt, Everett Johnson, Jr.
A.B. (Berea College), Economics. Jackson, Mich.
- Calfee, John Douglas
A.B. (Park College), M.S. (University of Tennessee), Chemistry. Asheville, N. C.
- Canaday, Ernest Franklin
A.B. (William Jewell College), A.M. (University of Missouri), Mathematics. Raleigh, N. C.
- Carney, James Joseph, Jr.
A.B., A.M. (Harvard), Economics. W. Somerville, Mass.
- Carroll, James Grover
A.B. (Wake Forest College), A.M. (Columbia), Mathematics. Wake Forest, N. C.
- Chaffin, Nora Campbell
A.B., A.M. (Duke), History. Durham, N. C.
- Chandler, Lizzie Grey
A.B. (Duke), History. Durham, N. C.
- Chitwood, Elizabeth Anne
A.B. (West Virginia), Romance Languages, English. Morgantown, W. Va.
- Christenson, James Andreas, Jr.
A.B. (Harvard), Psychology, Philosophy. Concord, Mass.
- Clayton, William Joseph
A.B. (Southeastern Teachers College), A.M. (Duke), Chemistry. Durant, Okla.
- Cooper, Gerald Rice
A.B. (Duke), Chemistry, Physics. Durham, N. C.
- Correll, Donovan Stewart
A.B., A.M. (Duke), Botany, Forestry. Winston-Salem, N. C.
- **Cothran, James Clardy
B.S. (Davidson College), Romance Languages. Charlotte, N. C.
- Covington, Mary Faison
A.B. (Duke), English. Thomasville, N. C.
- Coy, Nettie Helena
A.B. (University of New Brunswick), A.M. (Columbia), Physics, Mathematics. New Rochelle, N. Y.
- Crandall, Gilbert Albert
A.B. (St. John's College), History, Political Science. Annapolis, Md.
- Creagan, Robert Francis
A.B. (Marietta College), Philosophy, Psychology. Chautauqua, N. Y.
- Culbreth, Sarah Elizabeth
A.B., A.M. (Duke), Zoology. Rocky Mount, N. C.
- Cuninggim, Merrimon
A.B. (Vanderbilt), B.A. (Oxford), A.M. (Duke), Religion, History. Nashville, Tenn.
- Curran, Frances Lelia
A.B. (Duke), Education. Durham, N. C.
- Dale, William Pratt, II
A.B., A.M. (Duke), History. Greensboro, Ala.
- Derrickson, Mary Burton
A.B. (Goucher College), A.M. (Syracuse), Zoology. Frederica, Del.

* A.B. to be conferred June, 1937.

** B.S. to be conferred.

- Dick, Robert Hillyer
B.S. (Duke), Chemistry. Canton, Ga.
- Dickerson, Robert Turpin
A.B. (Duke), Physics, Electrical Engineering. Richmond, Va.
- *Doty, Roy A., Jr.
A.B. (Duke), Education. Rogersville, Tenn.
- Dowling, Delphine Louise
A.B. (Barnard College), A.M. (Columbia), Botany, Zoology, Forestry. Elmhurst, L. I., N. Y.
- Duncan, Wilbur Howard
A.B., A.M. (Indiana), Botany. Bloomington, Ind.
- Dunsky, Irvin
A.B. (University of Newark), Sociology, Economics. Newark, N. J.
- Eckard, Edwin Woodrow
A.B. (Marshall College), A.M. (Duke), Economics. Point Pleasant, W. Va.
- Eggers, Graydon Poe
A.B. (Carson-Newman College), A.M. (Duke), English. Boone, N. C.
- Ehouse, Theodore Eliot
A.B. (George Washington), Pharmacology. Berryville, Va.
- Eskridge, Thomas Joseph, Jr.
A.B. (Emory and Henry College), A.M. (George Peabody College for Teachers), Education, Psychology. Greenwood, S. C.
- Feister, Irving
A.B. (Harvard), Physics, Chemistry. Norwich, Conn.
- Few, Lyne Starling
A.B. (Duke), Philosophy, Psychology. Durham, N. C.
- Fike, Cora Ruth
A.B. (Bridgewater College), Mathematics. Egton, W. Va.
- Firebaugh, Joseph Jesse
A.B. (University of Colorado), English, Philosophy. Denver, Colo.
- Flora, William Sherlock
A.B. (College of Wooster), Political Science, Economics. Canton, Ohio
- Fluegel, Edna Rose
A.B. (Marywood College), A.M. (Duke), Political Science, Economics. Wilkes-Barre, Pa.
- Foerster, Alma Pauline
A.B. (Holyoke College), A.M. (Smith College), History. Holyoke, Mass.
- Foster, Hazel Elisabeth
A.B. (Hood College), Political Science, Economics. Brunswick, Md.
- Freeman, Robert Earle
A.B. (Furman University), A.M. (Duke), Education. Taylors, S. C.
- Galloway, Charles Betts
B.S. (Millsaps College), A.M. (Duke), Chemistry. Jackson, Miss.
- Garner, Ralph Everett
A.B., A.M. (Nebraska Wesleyan), Psychology, Zoology. Lincoln, Neb.
- Garren, Kenneth Howard
A.B. (Duke), Botany, Zoology, Forestry. Hendersonville, N. C.
- Garrison, John Leland
A.B. (Duke), English. Durham, N. C.
- Gay, Roland Lafayette
B.S. (Wake Forest College), M.S. (North Carolina State College of Agriculture and Engineering of the University of North Carolina), Mathematics. Wake Forest, N. C.
- George, Theodore Samuel
B.S. (Grove City College), A.M. (Duke), Mathematics. Grove City, Pa.
- Gibson, Harvey Taylor
A.B. (Furman), A.M. (Duke), Education. Greenville, S. C.
- * A.B. to be conferred June, 1937.

- Giesey, Jean Campbell
A.B. (Barnard College), A.M. (Columbia), Psychology. New York, N. Y.
- Gilmer, Lula Jane
A.B. (College of William and Mary), Religion, Philosophy, Psychology, Sociology. Richmond, Va.
- Going, William Thornbury
A.B. (University of Alabama), English. Birmingham, Ala.
- *Gray, Edward Lee
A.B. (Duke), Zoology, Romance Languages. Durham, N. C.
- Guyton, Percy Love
B.S. (Mississippi State College), M.B.A. (Northwestern), Economics. State College, Miss.
- Hallowell, John Hamilton
A.B. (Harvard), Political Science, Economics, Philosophy. Upper Darby, Pa.
- Hard, Walter Leon
A.B. (Albion College), Zoology. Coldwater, Mich.
- Harris, Madge Colclough
A.B. (Duke), Education. Durham, N. C.
- Harris, Therman Winfred
A.B. (Clarendon College), M.S. (University of Oklahoma), Education, Religion. Portales, N. M.
- Harrison, Francis Eugene, Jr.
B.S. (The Citadel), A.M. (Duke), Romance Languages. Abbeville, S. C.
- Harwell, George Corbin
A.B., A.M. (Duke), English. Durham, N. C.
- Havens, Ralph Murray
A.B. (Baker), M.B.A. (University of Kansas), Economics. Mound City, Kan.
- Henderson, Alfred James
A.B., A.M. (University of Rochester), History. Rochester, N. Y.
- Henley, Mary Clifton
A.B. (Meredith College), Romance Languages. Raleigh, N. C.
- Herndon, Nettie Southworth
A.B., A.M. (West Virginia), History. Raleigh, N. C.
- Hodges, Wiley Edward
B.S. (Roanoke College), A.M. (Duke), Political Science. Blountville, Tenn.
- Hoffman, George Peters
B.S. (University of Florida), Education. St. Petersburg, Fla.
- Holden, Benjamin Thomas, II
A.B. (Elon College), History, English. Louisburg, N. C.
- Holder, Ray
A.B., A.M. (University of Mississippi), History, Religion. Lucedale, Miss.
- Hopkins, Elizabeth Gertrude
B.S. (East Radford State Teachers College), English. East Radford, Va.
- Hopkins, John Isaac
B.S., A.M. (Duke), Physics. Nokesville, Va.
- Hudnall, Eva Irene
B.S. (Farmville State Teachers College), English. Critz, Va.
- Hunt, William Lanier
A.B. (University of North Carolina), Botany, Forestry. Chapel Hill, N. C.
- Ivey, Mary Frances
A.B. (Duke), English. Durham, N. C.
- Jackson, David Kelly, Jr.
A.B., A.M. (Duke), English. Durham, N. C.
- Jacobs, Donald Harry
B.S. (Rutgers), Physics, Mathematics. N. Plainfield, N. J.
- Jaffe, David
A.B., A.M. (Duke), English. Durham, N. C.

* A.B. to be conferred June, 1937.

- Johnson, Keith Whitaker
A.B. (University of Kansas), Economics, Political Science. Eureka, Kansas
- Johnston, Thomas McNaughton
B.S. (Washington and Jefferson College), A.M. (Tulane), English. Clinton, N. Y.
- Jones, Elijah Newman
A.B. (Elon College), Education. Holland, Va.
- Jones, John Sneed
B.S. (George Peabody College for Teachers), A.M., B.D. (Vanderbilt), Philosophy, Religion. Brentwood, Tenn.
- Keech, James Maynard
A.B., A.M. (Duke), Economics. Durham, N. C.
- Key, Francis Bromley
B.S. (Washington and Lee), Physics, Mathematics. Buena Vista, Va.
- Kilberger, Gladys Helen
A.B. (State University of Iowa), History, Political Science. Swisher, Iowa
- King, James Ervin, Jr.
A.B. (Harvard), Political Science, Economics. Leesburg, Fla.
- King, Joseph Jerone, Jr.
A.B. (Stanford), Economics. Durham, N. C.
- Kirby-Smith, John Seldon
B.S. (University of the South), Physics. Sewanee, Tenn.
- Klein, James Raymond
A.B. (Duke), Biochemistry, Chemistry. Baltimore, Md.
- Lanckton, Arthur Leroy
A.B. (Amherst College), Mathematics, Physics. Indian Orchard, Mass.
- LeRoy, Lucille Eleanor
A.B. (Rollins College), Sociology, Psychology. Orlando, Fla.
- Levy, Edward David
A.B. (Harvard), Biochemistry, Anatomy, Physiology. W. Hartford, Conn.
- Ligon, Edgar William, Jr.
B.S. (University of Richmond), Zoology. Richmond, Va.
- Lupien, Alfred Louis
B.S. (Mansfield State Teachers College), Education, Romance Languages, English. Durham, N. C.
- MacColl, Sylvia Hazelton
A.B., A.M. (Smith College), Psychology. Durham, N. C.
- McCracken, Mary Lee
A.B. (University of Oregon), Education, Psychology. Portland, Ore.
- McCurdy, Harold Grier
A.B. (Duke), Psychology, Zoology. Salisbury, N. C.
- McGehee, William
A.B. (University of the South), A.M. (George Peabody College for Teachers), Psychology. Raleigh, N. C.
- McNeill, Ellis Meade
A.B. (Concord State Teachers College), M.S. (West Virginia), Botany, Forestry. Athens, W. Va.
- McNicol, Robert Edwards
A.B. (University of Miami), A.M. (Duke), History. Miami, Fla.
- Mangrum, James Freed
B.S. (West Tennessee State Teachers College), M.S. (University of Tennessee), Zoology. Elbridge, Tenn.
- Mann, Bess Mae
A.B. (Baylor), History, Political Science. Laredo, Tex.
- Martens, John Wesley
A.B. (Duke), Economics. Newport News, Va.
- Martin, Abram Venable, Jr.
A.B. (Presbyterian College), Mathematics, Physics. Clinton, S. C.

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| Meares, Luelle
A.B. (Queens-Chicora College), Education. | McBee, S. C. |
| Michaels, Matilda Osborne
A.B. (Duke), A.M. (Columbia), Education. | Durham, N. C. |
| Michel, Harry Oscar
B.S. (University of California), Biochemistry. | San Andreas, Calif. |
| Miller, Elizabeth Moore
A.B. (Pennsylvania College for Women), English. | Oil City, Pa. |
| Miller, Paul
(U. S. Naval Academy), Mathematics. | Durham, N. C. |
| Miller, William Long
B.B.A. (University of Chattanooga), Economics, Political Science. | Nashville, Tenn. |
| Moore, Eunice Martha
B.S. (Maryland College for Women), A.M. (Johns Hopkins), Chemistry. | Deep River, Conn. |
| Morton, Louis
B.S., A.M. (New York University), History. | New York, N. Y. |
| Mounts, Charles Eugene
A.B., A.M. (University of Florida), English. | Gainesville, Fla. |
| Mumford, Carey Gardner
A.B. (Wake Forest College), A.M. (Duke), Mathematics. | Raleigh, N. C. |
| *Munster, Ralf Friedrich William
A.B. (Duke), Political Science, Economics, Philosophy. | Savannah, Ga. |
| Munyan, Merrill Calvin
A.B. (Wesleyan College), History. | Worcester, Mass. |
| Nakamura, Junichi
(Hiroshima University), English. | Hiroshima, Japan |
| Nelson, Melvin Frederick
B.S. (Mississippi State College), A.M. (Municipal University of Omaha), Political Science, Economics, History. | Starkville, Miss. |
| Oliver, Henry Madison, Jr.
A.B. (Southwestern), A.M. (Duke), Economics. | Union City, Tenn. |
| Oxford, Julia Mae
A.B. (Bessie Tift College), A.M. (University of Georgia), Psychology, Education. | Concord, Ga. |
| Peck, Robert Lawrence
B.S. (Duke), Chemistry, Zoology. | Binghamton, N. Y. |
| Peele, Edward Vernon
A.B., A.M. (Wofford College), English. | Columbia, S. C. |
| Pegram, Margaret Hanner
A.B. (Guilford College), Psychology. | Guilford College, N. C. |
| Pettengill, Rita Barbara
A.B. (Smith College), Chemistry, Physics. | Georgetown, Mass. |
| Petty, Charles Worth
A.B. (Asbury College), Education. | Clinton, N. C. |
| Phelps, George Thomas
B.S. (Bethany College), Education, Psychology. | New Castle, Pa. |
| Phillips, Leslie Brown
A.B. (Salem College), A.M. (University of North Carolina), History. | Winston-Salem, N. C. |
| Pittman, Louie Delle
A.B. (East Carolina Teachers College), Education. | Durham, N. C. |
| Pohl, Herbert Ackland
A.B. (Duke), Chemistry, Physics. | Durham, N. C. |
| Powell, Benjamin Edward
A.B. (Duke), B.L.S. (Columbia), History. | Durham, N. C. |
| Powell, Donald Moore
A.B. (Swarthmore College), English. | New Canaan, Conn. |

* A.B. to be conferred June, 1937.

- Pratt, Lanier Ward
A.B. (Davidson College), Romance Languages, English. Louisville, Ky.
- Rawlings, Kenneth Winn
A.B. (Kentucky Wesleyan College), A.M. (University of Kentucky), History, Education. Louisville, Ky.
- Rayner, Kenneth Tyson
A.B. (Wake Forest College), A.M. (Duke), Mathematics. Wake Forest, N. C.
- Reichert, Albert Phillips
A.B. (Emory), Philosophy, Psychology. Miami, Fla.
- Renfrow, William Burns, Jr.
B.S. (Furman), A.M. (Duke), Chemistry. Charlotte, N. C.
- Rice, Clinton Posey
A.B. (Furman), Education, Religion. Travelers Rest, S. C.
- Richman, Clyde Paul
B.Ed. (Eastern Illinois Teachers College), Education. Durham, N. C.
- Riddle, Charles Dayton
A.B. (Howard College), M.S. (University of Chicago), Zoology. Greenville, S. C.
- Rodgers, James Orr
A.B. (Erskine College), A.M. (Princeton), History. Mooresville, N. C.
- Roney, William Hamilton
A.B. (Occidental College), A.M. (University of Michigan), Sociology, Economics. Dayton, Ohio
- Rose, Jesse Lee
A.B. (College of Charleston), A.M. (Duke), Greek. Charleston, S. C.
- Ruff, Horace Ewing
B.S. (Hendrix College), M.S. (Louisiana State), Physics. Smackover, Ark.
- *Salmon, George Gilbert, Jr.
A.B. (Duke), Zoology, Chemistry, Psychology. Maplewood, N. J.
- Satterfield, George Howard
A.B., A.M. (Duke), B.S. (University of North Carolina), Biochemistry. Raleigh, N. C.
- Savely, Harvey Epperson, Jr.
B.S. (Mississippi State College), Zoology, Botany. Houlika, Miss.
- *Schlesinger, Willard Raphael
A.B. (Duke), Political Science, Economics. Bayside, L. I., N. Y.
- *Schmitt, Donald Henry
A.B. (Duke), Education, Zoology. White Plains, N. Y.
- Schopmeyer, Clifford Scharff
B.S. (George Washington), M.S. (University of Maryland), Forestry, Botany. Washington, D. C.
- Scovel, Jackson
A.B. (University of Oklahoma), Greek, Philosophy. Larned, Kan.
- Searcy, Christine Quillian
A.B. (Wesleyan College), English. Birmingham, Ala.
- Searcy, Hubert
A.B. (Birmingham-Southern College), A.M. (Duke), Political Science. Birmingham, Ala.
- Seigler, Milledge Broadus
A.B. (Furman), A.M. (Duke), English. Batesburg, S. C.
- Seitz, Clifford Peter
A.B., A.M. (Columbia), Psychology, Biochemistry, Zoology. Woodside, L. I., N. Y.
- Sharp, David Gordon
B.S. (Rutgers), Physics, Bacteriology, Botany. Annandale, N. J.
- Shutt, Thomas Samuel
A.B. (Duke), Education. Advance, N. C.
- Singer, Armand Edwards
A.B. (Amherst College), Romance Languages, English. Brantford, Ontario, Canada
- Smart, Virginia Lee
A.B. (Randolph-Macon Woman's College), Latin, History. Portsmouth, Va.

* A.B. to be conferred June, 1937.

- Smith, Burke McGuire
A.B. (Duke), Psychology. Durham, N. C.
- Smith, Rebecca
A.B. (Elon College), English. Elon College, N. C.
- Snyder, William Ulrich
A.B. (Gettysburg College), Psychology, Education. Washington, D. C.
- Stadthagen, Heinz
A.B. (Bethany College), A.M. (Duke), Economics, Sociology. Berlin, Germany
- Steer, Alfred Gilbert, Jr.
A.B. (Haverford College), German, Romance Languages. Lansdowne, Pa.
- Stephens, Arey Lee
B.S. (Millsaps College), Education, History, Romance Languages. Belmont, Miss.
- Stirewalt, Martin Luther, Jr.
A.B. (Lenoir-Rhyne College), A.M. (Duke), Greek, Latin. Salisbury, N. C.
- Storey, George Gilbert
A.B. (Geneva College), English. Scottsdale, Pa.
- Stuckey, James Morlan
B.S. (Centenary College), Chemistry, Physics. Shreveport, La.
- Sutherland, George Foster
A.B. (Duke), Chemistry, Physics. Grundy, Va.
- Sykes, Paul Greene
B.S. (Wake Forest College), Education. Durham, N. C.
- Taylor, Charles Theodore
B.S. (University of Arizona), Economics, Political Science. Elko, Nev.
- Taylor, Henry Liles
A.B. (Duke), Economics. Milledgeville, Ga.
- Thomas, David Boyd
B.S., M.S. (North Carolina State College of Agriculture and Engineering of the University of North Carolina), Physics. Raleigh, N. C.
- Thomas, Mary Elizabeth
A.B., A.M. (University of Arkansas), History. Fayetteville, Ark.
- Tilley, Nannie May
A.B. (Woman's College of the University of North Carolina), A.M. (Duke), History. Bahama, N. C.
- Tobin, Catherine Elizabeth
A.B. (College of Charleston), Latin, History. Charleston, S. C.
- Triplett, Edna Bernadine
A.B. (Queens-Chicora College), A.M. (Duke), English. Charlotte, N. C.
- Trivette, Nell Virginia
B.S. (Appalachian State Teachers College), Education, English. Boone, N. C.
- Turquette, Atwell Rufus
A.B. (University of Arkansas), Mathematics, Philosophy. Texarkana, Ark.
- Upchurch, Percy Bryant
A.B. (Wake Forest College), A.M. (Brown), B.D. (Yale), Religion. Nashville, N. C.
- Vermillion, Herbert Edward
B.S. (Monmouth College), Chemistry, Physics. Competition, Mo.
- Waite, Alex
A.B. (University of South Carolina), M.Ed. (Duke), Education, Psychology. Durham, N. C.
- Wallace, Elbert Stephen
A.B. (Birmingham-Southern College), A.M. (Duke), Economics. State College, Miss.
- Wallace, Lillian Parker
A.B. (University of Denver), M.S. (North Carolina State College of Agriculture and Engineering of the University of North Carolina), History. Raleigh, N. C.
- Wang, Yen-chieh
B.S. (National Tsing Hua University), M.S. (Cornell), Forestry, Botany. Peiping, China

- Ward, William Smith
A.B. (Georgetown College), A.M. (Harvard), English. Lexington, Ky.
- Warren, Marion
A.B., A.M. (Duke), Education. Durham, N. C.
- Watson, Karl Brantley, Jr.
B.S., A.B. (University of Chattanooga), A.M. (Duke), Education, Psychology. Lookout Mountain, Tenn.
- Weatherspoon, Nell Christian
A.B. (Duke), Education. Durham, N. C.
- Weems, Benjamin Burch
A.B. (Duke), Education, History. Wonsan, Korea, Japan
- Wharton, George Willard, Jr.
B.S. (Duke), Zoology, Chemistry, Botany. Upper Montclair, N. J.
- White, Mary Rebecca
A.B. (Fairmont State Teachers College), A.M. (Duke), Latin, Romance Languages. Fairmont, W. Va.
- Wiley, Edward Emerson, Jr.
A.B. (Emory and Henry College), B.D. (Duke), Religion. Bluefield, W. Va.
- Williams, James Wesley
A.B. (Duke), B.S. (Georgia School of Technology), Political Science, Economics. Ramseur, N. C.
- Williams, Myra Allene
A.B. (Winthrop College), A.M. (University of South Carolina), Zoology, Botany. Abbeville, S. C.
- Williams, William Lane
B.S. (Wofford College), Zoology. Spartanburg, S. C.
- Wilson, Flora Prevatte
A.B., A.M. (University of North Carolina), Education. Durham, N. C.
- Wilson, John Woodrow
B.S. (Duke), Zoology, Physics, Biochemistry. Durham, N. C.
- Wood, Gordon Reid
A.B. (Davidson College), English. S. Charleston, W. Va.
- Woodall, John Burwell
A.B. (Duke), History, Romance Languages. Fayetteville, N. C.
- Woodruff, Joseph Leroy
A.B. (Tarkio College), Psychology. Des Moines, Iowa
- Woods, Margaret King
A.B. (Duke), Education. Durham, N. C.
- Wright, James Clyde
A.B. (Muskingum College), Psychology, Sociology. Oakdale, Pa.
- Young, DeWalt Secrist
A.B. (Cornell College), Chemistry, Physics. Lisbon, Iowa
- Ziegler, Lyman Huntington
A.B. (Yale), Sociology, Economics. Waban, Mass.

SUMMER OF 1936; FIRST TERM

- Abbott, Beulah W.
Ph.B. (University of Chicago), A.M. (University of Florida), Romance Languages. St. Petersburg, Fla.
- Abee, Florence Edwina
A.B. (Florida State College for Women), English. Tampa, Fla.
- Abel, Colin Marguerite
A.B., A.M. (University of South Carolina), Romance Languages. Columbia, S. C.
- Adams, John James
A.B. (Mississippi College), Education. Weir, Miss.
- Adams, Robert Lausch
B.S. (Millersville State Teachers College), Education. Rothsville, Pa.
- Adams, Ruby Irene
A.B. (Florida State College for Women), Education. Jacksonville, Fla.

- Agnew, Virginia Miller
A.B. (Winthrop College), English. Rock Hill, S. C.
- Alexander, Mary Frances
A.B. (Erskine College), Education, English. Lake Wales, Fla.
- Alford, Attie America
A.B. (Agnes Scott College), English. Bonifay, Fla.
- Allaben, Sara
A.B. (Georgia State College for Women), Romance Languages, English. Thomson, Ga.
- Allison, Mary Weaver
A.B. (Woman's College of the University of North Carolina), Education. Durham, N. C.
- Altland, Paul Daniel, Jr.
B.S. (Gettysburg College), A.M. (Duke), Zoology. York, Pa.
- Amann, Marcella Elizabeth
B.S. (Seton Hill College), Education, Sociology. Monessen, Pa.
- Anderson, Anna Jane
A.B. (Florida State College), English. Tallahassee, Fla.
- Anderson, Charlotte Bernice
A.B. (Queens-Chicora College), Romance Languages. Montgomery, Ala.
- Anderson, Julia Lynn
A.B. (Maryville College), English. Chattanooga, Tenn.
- Anderson, Mary Agnes
B.S. (Georgia State College for Women), Education. Hawkinsville, Ga.
- Anderson, St. Claire
A.B. (Winthrop College), English. Charleston, S. C.
- Anderson, Virginia
A.B. (Queens College), M.S. (Alabama Polytechnic Institute), Romance Languages. Montgomery, Ala.
- Andrews, Margaret Laughlin
A.B. (Westminster College), Education. Beaver, Pa.
- Andrews, Mary Ruth
A.B. (West Virginia), Education, Mathematics. Alderson, W. Va.
- Ash, Julia Rose
A.B. (Rosemont College), Romance Languages. Phoenixville, Pa.
- Ashkar, Joseph Charles
B.S. (Mansfield State Teachers College), Education. Hughesville, Pa.
- Ashworth, Rufus Charles
A.B. (Duke), History, Education. Winter Park, Fla.
- Atkins, Emily Howard
A.B. (Florida State College for Women), History. Jacksonville, Fla.
- Autry, John Duncan Asbury
A.B. (Duke), Religion. Garland, N. C.
- Bailes, Bleeker Jarmond
A.B. (Brenau College), English. Eustis, Fla.
- Bailey, Louise Donaldson
B.S. (Florida State College for Women), Education. Jacksonville, Fla.
- Bailey, Margaret Elizabeth
A.B. (Winthrop College), Latin. Rock Hill, S. C.
- Bailey, Rosalie Vincent
A.B. (Lander College), Romance Languages, English. Greenwood, S. C.
- Baird, Brown
A.B. (Erskine College), Education. Gastonia, N. C.
- Baker, Ruth Maurine
A.B. (John B. Stetson), History, Education. Daytona Beach, Fla.
- Baldridge, Roberta Grace
B.S. (University of Missouri), English. Laredo, Mo.
- Banks, Ovie Elizabeth
B.S. (South Georgia Teachers College), English, Education. Carnesville, Ga.

- Baratgin, Germaine Olga
A.B. (Tulane), Romance Languages. New Orleans, La.
- Barber, Virginia May
B.S. (Florida State College), Education. Kissimmee, Fla.
- Bates, Roger Gordon
B.S. (Massachusetts State College), A.M. (Duke), Chemistry. Cummington, Mass.
- Battle, Alice Kent
B.S. (George Peabody College), Education, Psychology. Nashville, Tenn.
- Baucom, Thomas Victor
A.B. (Duke), Mathematics. Kitzmiller, Md.
- Bauer, Frieda Stella
A.B. (Geneva College), Sociology. Chicora, Pa.
- Baxley, Mary Jessie
A.B. (Woman's College of the University of North Carolina), English. Gibson, N. C.
- Baxter, James Edward
A.B. (Millsaps College), Economics, Political Science. Meridian, Miss.
- Beahm, Wilbur Isaac
B.S. (Elizabethtown College), Education. Mt. Joy, Pa.
- Beall, Richard Hugh
B.S. (West Virginia), Mathematics. Hedgesville, W. Va.
- Bealle, John Wynne
B.S. (Millsaps College), Education. Sardis, Miss.
- Beam, Joshua Paul
A.B. (Furman), Education. Gaffney, S. C.
- Beck, Flora Elizabeth
A.B. (University of Chattanooga), English. Chattanooga, Tenn.
- Beck, Lewis White
A.B. (Emory), A.M. (Duke), Philosophy. Griffin, Ga.
- Beck, William Freer
A.B., A.M. (University of Pittsburgh), History. Monongahela, Pa.
- Beckham, Stella Viola
A.B. (Presbyterian College), Romance Languages. Goldville, S. C.
- Bee, Carl Edward
B.S. (Indiana State Teachers College, Pa.), History, Education. Clymer, Pa.
- Beeler, Andrew Jackson, II
B.S. (Western Kentucky State Teachers College), English. Lebanon Junction, Ky.
- Bennett, Martha Alvana
A.B. (Florida State College for Women), Psychology, Education. Lakeland, Fla.
- Bigham, Virgil Lee, Jr.
A.B. (Mississippi College), Economics, Education. Pontotoc, Miss.
- Binns, Elizabeth Feary
A.B. (Southern College), English. Winter Haven, Fla.
- Bishoff, Donald Brian
A.B. (Shepherd State Teachers College), Education. Kingwood, W. Va.
- Blackman, Moses Carlton
A.B. (Atlantic Christian College), Education. Selma, N. C.
- Blanchard, Leo Close
B.S. (Mansfield State Teachers College), Education. Nelson, Pa.
- Bobo, William Pervy
A.B. (Mississippi College), Education. Eupora, Miss.
- Bodey, Thora Aileen
A.B. (Indiana), History. Rising Sun, Ind.
- Bogart, Letha
B.S. (Susquehanna), Education. Millville, Pa.
- Bogue, Helen Sarah
A.B. (University of Dubuque), Education. Jacksonville, Fla.

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|--|----------------------|
| Bolt, Nellie | Ware Shoals, S. C. |
| A.B. (Anderson College), Education, English. | |
| Bond, Esther May | Sarasota, Fla. |
| B.S., M.S. (Florida State College for Women), Psychology. | |
| Bonfoey, Winifred Lee | Tampa, Fla. |
| A.B. (Florida State College for Women), English. | |
| Bost, Annie Sue | Morganton, N. C. |
| A.B. (Flora Macdonald College), Education. | |
| Boswell, Albert Sidney | Robinson, Ga. |
| B.S. (South Georgia Teachers College), Education. | |
| Bower, Charles Hamilton | McGraws, W. Va. |
| A.B. (Concord State Teachers College), Education. | |
| Bowman, Bernice Claire | Miami, Fla. |
| A.B. (Union College), English. | |
| Bowman, George Kinter | Wilkes-Barre, Pa. |
| B.S. (Albright College), Education, English. | |
| Boyd, Carrie Beulah | Honaker, Va. |
| A.B. (Emory and Henry College), English. | |
| Boyd, Sarah Katherine | Cambridge, Ohio |
| A.B. (Muskingum College), Education. | |
| Boyer, Charles Victor | Huntington, W. Va. |
| A.B. (Marshall College), Education. | |
| Bradley, Harry Morrison | Ellwood City, Pa. |
| B.S. (California State Teachers College), Education. | |
| Bramlette, Nancy Lucile | Greenville, S. C. |
| A.B. (Winthrop College), English. | |
| Branford, Walter Avery | Rehoboth Beach, Del. |
| A.B. (Washington College), Education, English. | |
| Branham, Helen Elizabeth | Itta Bena, Miss. |
| A.B. (Mississippi State College for Women), Education. | |
| Brednich, Elizabeth Kathryn | Pittsburgh, Pa. |
| A.B., A.M. (University of Pittsburgh), History. | |
| Brewster, James Pendleton | Newnan, Ga. |
| A.B. (Duke), Mathematics. | |
| Bridges, Daniel Moody | Rutherfordton, N. C. |
| A.B. (Wake Forest College), Education. | |
| Bromberick, Lawrence Edward | Indiana, Pa. |
| B.S. (Indiana State Teachers College), Education. | |
| Brooks, Esther Elizabeth | Due West, S. C. |
| A.B. (Erskine College), Education. | |
| Brooks, Lily Wingo | Due West, S. C. |
| A.B. (Erskine College), A.M. (University of Georgia), Education. | |
| Brooks, Onnie Estus | Pineville, W. Va. |
| A.B. (Marshall College), M.Ed. (Duke), Education. | |
| Brooks, Rosalind Northcutt | Pineville, W. Va. |
| A.B. (Columbia), Latin. | |
| Brown, Dalton Milford | Johnson City, Tenn. |
| B.S., M.S. (University of Tennessee), Botany. | |
| Brown, William Geddes | Pittsburgh, Pa. |
| B.S. (Washington and Jefferson College), Economics, Education. | |
| Browne, Margaret Augusta | Chattanooga, Tenn. |
| A.B. (Birmingham-Southern College), History, Education. | |
| Bunch, Margaret | Huntington, W. Va. |
| A.B. (Morris Harvey College), Education, Psychology. | |
| Bunting, Glenn Woodburn | Durham, N. C. |
| B.S. (North Carolina State College), Education. | |

- Burchette, Eula Katherine
 B.S. (Memphis State Teachers College), History.
- Burchette, Dolores Theresa
 A.B. (Maryville College), Latin, Education.
- Burdette, Orral Lorraine
 B.S. (New River State College), Botany.
- Burke, William Miller
 A.B. (Duke), English.
- Burnett, Beulah Mae
 A.B. (Duke), Education.
- Burns, William Leon
 A.B. (Mississippi College), Education, History.
- Burrows, Ralph Orrin
 B.S. (E. Stroudsburg State Teachers College), A.M. (Columbia), Education.
- Burtner, Warren Edward
 A.B. (Lebanon Valley College), History, Education.
- Burton, Anne Seixas MacGlashan
 A.B. (Hollins College), Education.
- Bush, Eltor W.
 A.B. (Marshall College), M.S. (West Virginia), Education.
- Bush, Marion
 A.B. (Shorter College), A.M. (University of Georgia), English.
- Butcher, Roland
 A.B. (Glenville State Teachers College), Education.
- Butler, Carrie Elizabeth
 A.B. (Huntingdon College), Education.
- Butler, Thelma Lorine
 B.S. (Mississippi Delta State Teachers College), Education.
- Byars, Mentha Elizabeth
 A.B. (Winthrop College), Education.
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B.S. (Millersville State Teachers College), Education. New Providence, Pa.
- Sheppard, Harriet Clements
A.B. (Georgia State Women's College at Valdosta), Education. Savannah, Ga.
- Sherman, Willie Hardie
A.B. (Mississippi State College for Women), Education. Merigold, Miss.
- Shields, Margaret Virginia
A.B. (Belhaven College), English. Brandon, Miss.
- Shipman, Otie Gore
A.B. (Birmingham-Southern College), Education. Birmingham, Ala.
- Shockey, Ralph Irl
B.S., M.S. (Gettysburg College), Education. Chambersburg, Pa.
- Shockloss, Michael Daniel
B.S. (East Stroudsburg State Teachers College), Education. Swoyerville, Pa.
- Shull, Paul Eugene
B.S. (Shippensburg State Teachers College), Sociology, Education. Lewistown, Pa.
- Silverthorn, Margarette Dixie
A.B. (Atlantic Christian College), Religion. Lake Landing, N. C.
- Simmons, Alma Julia
A.B. (Ohio Wesleyan), English. Sabina, Ohio
- Simonds, Gardner William
A.B. (University of New Hampshire), Political Science. Silver Spring, Md.
- Simpson, Elizabeth Gallagher
A.B. (Agnes Scott College), English, Education. Atlanta, Ga.

- Sims, Mildred Elizabeth
B.S. (College of Charleston), Education. North Charleston, S. C.
- Singeltary, Josephine
A.B. (Duke), History. Bradenton, Fla.
- Skene, Maudellen
A.B. (Marshall College), History, Education. Pt. Pleasant, W. Va.
- Skinner, Frances Elizabeth
A.B. (University of Kentucky), English, Education. Lexington, Ky.
- Slater, Irene Kirkendall
A.B. (University of Kentucky), Education, History. Towanda, Pa.
- Slider, Marjorie Armerling
A.B. (Women's College of University of Delaware), English, Education. Minersville, Pa.
- Sloan, Eulalie
B.S. (West Tennessee State Teachers College), English. Memphis, Tenn.
- Sloane, Jewell Edwina
B.S. (Florida State College for Women), History. Mascotte, Fla.
- Small, Erma Grace
A.B. (East Carolina Teachers College), History, Education. LaGrange, N. C.
- Smedley, Sara Harriett
A.B. (Ohio Wesleyan), English. Kane, Pa.
- Smith, Allen Candler
A.B. (University of Georgia), History, Education. Decatur, Ga.
- Smith, Alva Lee
B.S. (Virginia Polytechnic Institute), Mathematics. Norfolk, Va.
- Smith, Benjamin Lee
A.B. (Duke), Education. Shelby, N. C.
- Smith, Carrie Margaret
A.B. (Marshall College), Education. Kenova, W. Va.
- Smith, Dorothy Elizabeth
A.B. (Mississippi State College for Women), History, Education. Iuka, Miss.
- Smith, Eunice
A.B. (Transylvania College), English. Canada, Ky.
- Smith, George L.
A.B. (Emory and Henry College), Education. Rutherford College, N. C.
- Smith, Guy Frederick
A.B. (University of Florida), Education. Mascotte, Fla.
- Smith, Jessie Beatrice
A.B. (Greenville Woman's College of Furman University), English. Belton, S. C.
- Smith, Jonathan Marshall
A.B. (Davidson College), B.D. (Union Seminary), Education. Newell, N. C.
- Smith, Oscar
A.B. (North Georgia College), Education. Palmetto, Fla.
- Smith, Pauline Duggan
A.B. (Bessie Tift College), English. Delaware City, Del.
- Smith, Thomas LeRoy
A.B. (Otterbein College), Education. Dunlo, Pa.
- Snedegar, Dorothy May
B.S. (Farmville State Teachers College), Religion. Roanoke, Va.
- Sonderman, Harry Fred
A.B. (West Liberty State Teachers College), Education. McMechen, W. Va.
- Sowash, Geoffrey Gordon
A.B. (Westminster College), Education. New Wilmington, Pa.
- Spainhour, Richard Edward
A.B. (Maryville College), Education. Lenoir, N. C.
- Spangler, Arthur Hodson
A.B. (Concord State Teachers College), Education. Peterstown, W. Va.

- Spencer, John Corson
A.B. (University of Richmond), Education. Guinea Mills, Va.
- Stallings, Laelius
A.B. (Agnes Scott College), History, Latin. Newnan, Ga.
- Stalnaker, Lillian
A.B. (West Virginia), English. Parsons, W. Va.
- Stanford, Mary Leola
A.B. (Wesleyan College), Religion. Macon, Ga.
- Stankunas, Alfonse Michael
B.S. (Duquesne), Education. Homestead, Pa.
- Stanley, Edgar Hampton
A.B. (Marshall College), Education. Ashland, Ky.
- Stansberry, Katheryn Louise
A.B. (Carson-Newman College), English. Clinton, Tenn.
- Stauffer, Russell George
B.S. (Kutztown State Teachers College), Education. Topton, Pa.
- Steelman, Max Randolph
A.B. (Lenoir-Rhyne College), Education. Hickory, N. C.
- Steelman, Ruth Amber
A.B. (Lenoir-Rhyne College), Education. Hickory, N. C.
- Stephens, James Kenneth
B.S. (North Carolina State College), History. Apex, N. C.
- Stephenson, Abram Clements
A.B. (Elon College), Mathematics, Education. Red Springs, N. C.
- Stern, John Shank
B.S. (Juniata College), Education, Zoology. Manheim, Pa.
- Stevenson, Clarence Edward
A.B. (Oglethorpe), Education. Hogansville, Ga.
- Stewart, Ruth Burton
A.B. (Western Kentucky Teachers College), Education. Bowling Green, Ky.
- Still, Evedon Howell
A.B. (Furman), Education. Abbeville, S. C.
- Stone, Henry Clarence
B.S. (North Carolina State College), Education. Shallotte, N. C.
- Storey, George Gilbert
A.B. (Geneva College), English. Scottdale, Pa.
- Stough, Theodore Elias
A.B. (Duke), Education. Gibsonville, N. C.
- Stover, Kermit Martin
B.S. (Lock Haven State Teachers College), Education. Lock Haven, Pa.
- Strawhorn, Frances
A.B. (Lander College), Sociology, Education. Greenwood, S. C.
- Strickland, Cecil Calvert
A.B. (Glenville State Teachers College), M.S. (West Virginia), Botany. Clendenin, W. Va.
- Strom, Samuel Thaddeus
A.B. (Furman), Education. Ward, S. C.
- Strzepek, Alfred Walter
B.S. (University of Illinois), Education. Sterling, Ill.
- Studebaker, Louise Florence
A.B. (Westminster College), History, Education. Slippery Rock, Pa.
- Stumpf, Phillip Quay
A.B. (Franklin and Marshall College), History, Sociology. Lancaster, Pa.
- Sturm, Albert Lee, Jr.
A.B. (Hampden-Sydney College), Education. Appalachia, Va.
- Sumner, Thelma Roberts
A.B. (Florida State College for Women), English. Tampa, Fla.

- Swearinger, Mildred Emily Eagle Lake, Fla.
A.B. (Oberlin College), Education.
- Swim, Riley Cecil Beckley, W. Va.
A.B. (Emory and Henry College), Economics, Education.
- Sypher, Ruth Margaret Picture Rocks, Pa.
B.S. (Mansfield State Teachers College), English, Education.
- Tait, Martha Angeline Clairton, Pa.
A.B. (Grove City College), English, Education.
- Tanner, Martha Malinda Chesnee, S. C.
A.B. (Winthrop College), Botany, Zoology.
- Taylor, Doris Lavenia Pocomoke City, Md.
B.S. (Fredericksburg State Teachers College), Education, Sociology.
- Taylor, Mary Thelma Espy, Pa.
A.B. (Susquehanna), English.
- Terry, Charles Edwin, Jr. Winter Park, Fla.
B.S. (University of Florida), Education.
- Tew, Thelma Pearle Sanford, Fla.
A.B. (Florida State College for Women), Education, Psychology.
- Thompson, Bessie Virginia Norwood, N. C.
A.B. (Duke), Education.
- Thompson, Clarence Edward Freedom, Pa.
B.S. (Geneva College), Mathematics, Education.
- Thompson, Maurine Mathiston, Miss.
A.B. (Mississippi Delta State Teachers College), English.
- Tilley, Alice Whitted Durham, N. C.
A.B. (East Carolina Teachers College), Education, Sociology.
- Timmerman, John Ransom, Jr. Edgefield, S. C.
A.B. (Furman), English.
- Tisdale, Mary Kathleen Mayesville, S. C.
A.B. (Coker College), English.
- Titus, Donald James Rices Landing, Pa.
A.B. (Waynesburg College), English.
- Toney, Mary Johnston, S. C.
A.B. (University of South Carolina), English.
- Triplett, Edna Bernadine Charlotte, N. C.
A.B. (Queens-Chicora College), English.
- Trivette, Nell Virginia Boone, N. C.
B.S. (Appalachian State Teachers College), Education.
- Truesdale, Edred Kershaw, S. C.
A.B. (University of South Carolina), Education, History.
- Turner, Anne Dowdell Newnan, Ga.
A.B. (Agnes Scott College), Education.
- Turner, Emma May New Orleans, La.
A.B. (Tulane), History.
- Turner, Mildred Elizabeth Chickasha, Okla.
A.B. (Oklahoma College for Women), English.
- Turner, Reginald Asheboro, N. C.
A.B. (Duke), Education.
- Tyler, Karlle Reed Glen Saint Mary, Fla.
B.S. (Florida State College for Women), Education.
- Uhler, Katherine Charlotte, N. C.
L. es L. (Sorbonne, Paris, France), Romance Languages.
- Ulrich, Foster Grash Lancaster, Pa.
A.B. (Lebanon Valley College), History, Education.
- Umstead, Lillian Wilson Durham, N. C.
A.B. (Duke), Education.

- Valdes, Albert Charles
A.B. (Rollins College), Romance Languages. Tampa, Fla.
- Vanderau, Betty Louise
B.S. (Shippensburg State Teachers College), Education. Chambersburg, Pa.
- Van Hook, Benjamin Ormond
A.B. (Millsaps College), A.M. (Vanderbilt), Mathematics. Jackson, Miss.
- Van Slyke, Doris Irene
A.B. (Florida State College for Women), Sociology, English. Tampa, Fla.
- Vermillion, Gertrude
A.B. (Greenville Woman's College), B.S. (George Peabody College), A.M. (Columbia), Chemistry. Jacksonville, Texas
- Vermillion, Herbert Edward
B.S. (Monmouth College), Chemistry. Competition, Mo.
- Vernon, Sarah Elizabeth
A.B. (Meredith College), Political Science. Burlington, N. C.
- Vick, Alfred Teasdale
B.S. (Clemson A. and M. College), Education. Savannah, Ga.
- Vigal, Joseph Clifton
A.B. (Mercer), Economics. McRae, Ga.
- Vinson, Raymond Augustus
A.B. (University of Florida), Education, Political Science. South Jacksonville, Fla.
- Voelker, Irene Bertha
B.S. (California State Teachers College), History, Education. Lock Four, Pa.
- Wade, Lily Margaret
B.S. (Mississippi Delta State Teachers College), History, Education. Cleveland, Miss.
- Wagner, Horace McDonald
A.B. (Concord State Teachers College), Education. Montcalm, W. Va.
- Wake, Orville Wentworth
A.B. (Lynchburg College), Education. Middletown, Va.
- Walker, Lela Samantha
A.B. (University of Kentucky), English. Saxton, Ky.
- Walsh, Anastasia
B.S. (College of Charleston), Education, English. Charleston, S. C.
- Walsh, Charlotte Congdon
B.S. (Winthrop College), Education. Walterboro, S. C.
- Walsh, Mary Katherine
B.S. (College of Charleston), Education, English. Charleston, S. C.
- Walter, Marion Eleanor
A.B. (Seton Hill College), English, Education. Claysburg, Pa.
- Walter, Selwyn Bernard
B.S. (Ohio State), History, Political Science. Edon, Ohio
- Washburn, Alice
A.B. (Queens-Chicora College), History. Bostic, N. C.
- Watson, Florence Kathleen
B.S. (Harrisonburg State Teachers College), English. Charleston, W. Va.
- Watson, Frederick Cecil
B.S. (Middlebury College), A.M. (University of Michigan), Mathematics. Chester, Vt.
- Watts, Claudius Elmer, Jr.
A.B. (The Citadel), Education, History. Camden, S. C.
- Weaver, James Calvin
A.B. (Lynchburg College), Romance Languages. Saxis, Va.
- Webb, John Maurice
A.B. (Duke), History. Durham, N. C.
- Webster, Roy
A.B. (Wofford College), A.M. (Columbia), Education. Mt. Pleasant, N. C.

- Weddle, William McKinley Check, Va.
B.S. (George Peabody College), History, Education.
- Weeks, Benn Westfield, Pa.
B.S. (Mansfield State Teachers College), Sociology.
- Weeks, Oliver Clayton Beckley, W. Va.
A.B. (Concord State Teachers College), Education.
- Weinberg, Sydney Jay Sanford, Fla.
A.B. (University of Florida), History.
- Weir, John Blackwood Moosic, Pa.
B.S. (West Chester State Teachers College), Education.
- Weller, Grace Harlowe Canmer, Ky.
A.B. (Maryville College), English, Education.
- Weller, Wayne Fort Knox, Ky.
A.B. (Western Kentucky State Teachers College), History, Education.
- Wertsch, Lavilla Elizabeth Ephrata, Pa.
B.S. (Millersville State Teachers College), Sociology, Education.
- Wertz, Roy Albert Frackville, Pa.
A.B. (Muhlenberg College), Education.
- Westmoreland, Aliceteen Thomasville, N. C.
A.B. (Woman's College of the University of North Carolina), Education.
- Wetmore, Thomas Hall, Jr. Little River, S. C.
A.B. (Lincoln Memorial), English.
- Whelchell, Laura Darwin Gaffney, S. C.
A.B. (Limestone College), English.
- White, Fannie Belle Columbia, S. C.
A.B. (Columbia College), A.M. (University of South Carolina), History.
- White, Frank Dudley Linden, Va.
A.R. (Randolph-Macon College), Education.
- White, George Wilbur Koppel, Pa.
A.B. (Geneva College), Education, Political Science.
- White, William Clinton New Wilmington, Pa.
B.B.A. (Westminster College), Education.
- Whitener, Catherine Viola Salisbury, N. C.
A.B. (Catawba College), English.
- Whitman, William Tate Charleston, S. C.
A.B., A.M. (Duke), Economics, Political Science.
- Whittingdon, Edythe Kerner Greensboro, N. C.
A.B. (Queens-Chicora College), Education.
- Wiggins, Elizabeth Lewis Holly Hill, S. C.
A.B. (Winthrop College), English.
- Wilcox, Kathryn Johnson Clearwater, Fla.
A.B. (John B. Stetson), Education.
- Wilfong, Mildred Elizabeth Tallahassee, Fla.
A.B. (Florida State College for Women), Romance Languages.
- Wilhite, Arthur Bolton Elberton, Ga.
A.B. (Erskine College), Education.
- Wilkerson, Milton Chick Durham, N. C.
A.B. (Hampden Sidney College), Religion.
- Williams, Annie Lyle Rock Hill, S. C.
B.S. (Winthrop College), Education.
- Williams, Arlene Etta Glenmont, Ohio
A.B. (Heidelberg College), English.
- Williams, Clifflie Ethel Henderson, N. C.
A.B. (Woman's College of the University of North Carolina), Romance Languages.
- Williams, Elizabeth Rose Iva, S. C.
A.B. (Erskine College), English.

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|--|---------------------|
| Williams, Ellis Downing | Clarks Summit, Pa. |
| B.S. (Mansfield State Teachers College), Education. | |
| Williams, Margaret Lawrence | Memphis, Tenn. |
| B.S. (Memphis State Teachers College), Education. | |
| Williams, Olan Yarnall | California, Pa. |
| B.S. (California State Teachers College), English. | |
| Williams, Roger Augustus | Abbeville, S. C. |
| A.B. (Erskine College), Education. | |
| Williams, Walter Hackett | Canton, Pa. |
| A.B. (University of Wyoming), English, Education. | |
| Williams, Winona | Trinity, N. C. |
| A.B. (Greensboro College), A.M. (Duke), Education. | |
| Wilson, Alma Montiel | Greenwood, Miss. |
| A.B. (Mississippi State College for Women), English, Education. | |
| Wilson, Clara Erline | Greenwood, Miss. |
| A.B. (Mississippi State College for Women), Economics, Education. | |
| Wilson, Graves Humbert | Anderson, S. C. |
| A.B., B.S. (Furman), English. | |
| Wilson, Joseph Bobula | Central City, Pa. |
| B.S. (Juniata College), Education. | |
| Wilson, Mary Elizabeth | Lexington, Ky. |
| A.B. (University of Kentucky), Education. | |
| Wilson, Miriam Grizelle | Durham, N. C. |
| A.B. (Meredith College), Education. | |
| Winter, George Virgil | Ford City, Pa. |
| B.S. (Westminster College), Education. | |
| Wise, Percy | Batesburg, S. C. |
| A.B. (University of South Carolina), A.M. (University of North Carolina), Education. | |
| Withers, Clarence Maxwell | Huntington, W. Va. |
| A.B. (Marshall College), Education. | |
| Witte, John Franklin | Birmingham, Ala. |
| A.B. (Birmingham-Southern College), Economics, Political Science. | |
| Wolcott, Ruth Emilie | Asheville, N. C. |
| A.B. (Woman's College of the University of North Carolina), Education. | |
| Wolfe, Quentin Donald | Pittsfield, Pa. |
| B.S. (Lock Haven State Teachers College), Education. | |
| Wollet, Charles Elmer | Statesboro, Ga. |
| A.B. (Newberry College), Education. | |
| Wonder, Craig Earl | Martinsburg, Pa. |
| A.B. (Juniata College), Romance Languages. | |
| Woodburn, Pauline | Central City, Ky. |
| A.B. (University of Kentucky), History. | |
| Woodcock, Ruth | Charlotte, N. C. |
| A.B. (High Point College), English. | |
| Woodruff, Margaret | Johnson City, Tenn. |
| B.S. (East Tennessee State Teachers College), History, Education. | |
| Woodward, John Lisbon | Richlands, N. C. |
| A.B. (Duke), Education. | |
| Worley, Claude | Surveyor, W. Va. |
| A.B. (Concord State Teachers College), Education, Sociology. | |
| Wray, Ruth Smith | Glen White, W. Va. |
| A.B. (Duke), Sociology, Education. | |
| Wright, Dorothy Edna | Conemaugh, Pa. |
| B.S. (University of Pittsburgh), Education. | |

Wright, Mabel Elizabeth	Miami, Fla.
A.B. (University of Miami), Romance Languages.	English.
Wylie, Claude	Gap Mills, W. Va.
A.B. (Concord State Teachers College), Education,	Sociology.
Yager, Charles Monroe	Baltimore, Md.
B.S. (University of Maryland), Mathematics,	Education.
Yancey, Roxanah	Roxboro, N. C.
A.B. (Womans College of the University of North Carolina),	Education.
Yeadon, Margaret	Sumter, S. C.
A.B. (University of South Carolina), Education.	
Young, Mabel Dorothy	Ellwood City, Pa.
A.B. (Geneva College), Education.	
Young, Otho Byron	Clendenin, W. Va.
A.B. (Marshall College), Education.	
Young, Valla Evelyn	Newport, Ky.
A.B. (Western Kentucky State Teachers College),	English.
Young, William Coleman	Georgetown, S. C.
A.B. (College of Charleston), History.	
Zarfoss, Lewis Harold	Columbia, Pa.
B.S. (Millersville State Teachers College), Education.	

SUMMER OF 1936; MIDDLE TERM

Achurch, Robert Waller	Charleston, S. C.
A.B. (College of Charleston), A.M. (University of North Carolina),	English.
Arnold, Dean Benjamin	York, Pa.
A.B. (Gettysburg College), Education.	
Arnold, Virginia Pierce	Greenville, S. C.
A.B. (Greenville Womans College of Furman University),	Education.
Ashworth, Joseph Albert	N. Arlington, N. J.
B.S. (California Institute of Technology), Physics.	
Barr, Leon Vincent	Renova, Pa.
B.S. (Lock Haven State Teachers College), Mathematics,	Education.
Beacom, Ida Margaret	Mt. Pleasant, Pa.
A.B. (Grove City College), Education.	
Beatty, Emily Holmes	Amite, La.
A.B. (Louisiana State), A.M. (Tulane), English.	
Beavers, Hallie	Siler City, N. C.
A.B. (Woman's College of the University of North Carolina), A.M. (Duke),	Mathematics.
Blough, Anna Elizabeth	Manassas, Va.
A.B. (Bridgewater College), Mathematics.	
Bodner, William Raymond	Rankin, Pa.
A.B. (St. Vincent College), History.	
Bookhardt, Maisie Leta	Elloree, S. C.
A.B. (Winthrop College), Education.	
Bowen, Rachel Mary	Elmira, N. Y.
A.B. (Pennsylvania State College), History, Education.	
Brandon, Frances Hoff	Athens, Ga.
A.B., A.M. (University of Georgia), History.	
Brown, Margaret Louise	Manning, S. C.
A.B. (Queens-Chicora College), Education.	
Bugbee, Leroy Edgar	Kingston, Pa.
A.B. (Boston), A.M. (Harvard), Education.	
Bullion, Cora Katherine	Chevy Chase, Md.
B.S. (Wilson Teachers College), Education, History.	

- Burt, Parker Harland
A.B. (Dartmouth College), Education. Kingston, Pa.
- Carroll, Richard John
B.S. (East Stroudsburg State Teachers College), Education. Taylor, Pa.
- Carter, Emily
B.S. (Winthrop College), Education. Walhalla, S. C.
- Cartwright, John Sheldon
A.B. (East Stroudsburg State Teachers College), Education. Stroudsburg, Pa.
- Cassell, Hugh Kent
B.S. (Mercer), Education. Big Stone Gap, Va.
- Cheely, Gladys
A.B. (University of Georgia), Education. Savannah, Ga.
- Clardy, Katherine
B.S. (Greenville Woman's College of Furman University), Education. Greenville, S. C.
- Cobb, Roy Douglas
A.B. (Western Kentucky State Teachers College), English. Louisville, Ky.
- Conard, Thomas Pennington
B.S. (West Chester State Teachers College), Education. Lansdowne, Pa.
- Cooke, Cecil Dennis
A.B. (Concord State Teachers College), Mathematics. Clear Fork, W. Va.
- Critchfield, Clara Etta
A.B. (George Washington), English. Washington, D. C.
- Davidson, Mary Frances
B.S. (West Virginia), Mathematics. Middlesboro, Ky.
- DuBois, Millard George
B.S. (Middleburg College), Education. Norwood, N. J.
- Eckhart, Kathleen Mary
B.S. (Rutgers), Economics. Keyport, N. J.
- Edwards, Allen Braxton
A.B. (Centre College), History, Economics. Danville, Ky.
- Fielder, Margaret Frances
B.S. (Harrisonburg State Teachers College), Mathematics. Charleston, W. Va.
- Fisher, Jesse Gilbert
A.B. (Indiana), English. Miami, Fla.
- Fort, Mildred
A.B. (Columbia College), Education. North, S. C.
- Foster, Mrs. Alvin Willimon
A.B. (Columbia College), Mathematics, Education. Greenville, S. C.
- Fulton, Pencie
A.B. (College of William and Mary), Education. Danville, Va.
- Gaut, Frances Andrews
B.S. (Indiana State Teachers College), Mathematics. Latrobe, Pa.
- Gillingham, Samuel Wilson
A.B. (Maryville College), Education. Glenside, Pa.
- Glaspey, Robert C.
B.S. (Slippery Rock State Teachers College), Education. Slippery Rock, Pa.
- Gooden, Viola June
A.B. (Juniata College), Education. Ridgefield Park, N. J.
- Gramling, Wilhelmina
A.B. (Winthrop College), Education. Orangeburg, S. C.
- Groff, Mary Spotten
A.B. (Lebanon Valley College), English, Education. Columbia, Pa.
- Hamblin, Clarissa Wardwell
A.B. (Bucknell), English, Education. Lewisburg, Pa.
- Harris, Bobby
A.B. (Georgia State Teachers College), History. Wrens, Ga.

- Head, Philemon Ernest
A.B. (Southern College), Economics. Summerfield, Fla.
- Hemperly, Norman Albert
B.S. (Lebanon Valley), Mathematics. Lebanon, Pa.
- Henry, Howard Emerson
B.S. (Trenton State Teachers College), Education. Dover, Del.
- Hicks, Carus Searight
A.B. (Carson-Newman College), Education. Fairmont, W. Va.
- Hill, Madeline
B.S. (Farmville State Teachers College), Education. Mitchells, Va.
- Hill, Robert Brandon
B.S. (Grove City College), Education. Grove City, Pa.
- Hoffeditz, Laura Margaret
B.S. (Shippensburg State Teachers College), History. Mercersburg, Pa.
- Hoffman, George Peters
B.S. (University of Florida), Economics. St. Petersburg, Fla.
- Hoffman, Ira Penn
B.S. (Bucknell), Education. Pine Grove, Pa.
- Holliday, John Raymond
B.S. (California State Teachers College), Education, Mathematics. Scottdale, Pa.
- Howard, Martha Jean
B.S. (University of Pittsburgh), Education. Wilkinsburg, Pa.
- Huffman, Thomas Jefferson
A.B. (Marshall College), A.M. (Ohio State), Education. Berwind, W. Va.
- James, Eleanor Mae
Ph.B. (Dickinson College), History. Minersville, Pa.
- Jenkins, Maxine Inda
A.B. (Mississippi State College for Women), Education. Ellisville, Miss.
- Johnson, Mary Louise
A.B. (Wesleyan College), English. Macon, Ga.
- Johnson, Virginia Lee
B.S. (Memphis State Teachers College), English. Memphis, Tenn.
- Johnson, Walter Myatt
B.E. (North Carolina State College), Economics. Bahama, N. C.
- Johnson, William Pearce
A.B. (Furman), Mathematics, Education. Durham, N. C.
- Johnston, Harry Campbell
B.S. (Geneva College), Education. Sidman, Pa.
- Jones, Thomas Owen
A.B. (George Washington), Education, Mathematics. Arlington, Va.
- Jupenlaz, Fred August
B.S. (Mansfield State Teachers College), Education. Covington, Pa.
- Keene, Ellis Leaman
B.S. (Millersville State Teachers College), Mathematics. Quarryville, Pa.
- King, Carl Kenneth
B.S. (Indiana State Teachers College), History. Punxsutawney, Pa.
- King, Ethel Anderson
A.B. (Oglethorpe), History, Education. West Palm Beach, Fla.
- Lea, Jenny Lovell
A.B. (University of Chattanooga), History. Chattanooga, Tenn.
- Light, Harris Bennetch
A.B. (Albright College), Mathematics. Lebanon, Pa.
- Lloyd, Ruth
A.B. (East Carolina Teachers College), Education. Spencer, N. C.
- Longanecker, Edwin Snider
B.S. (Shippensburg State Teachers College), History. Littleton, Pa.

- Lott, Audrey Peacock Perry, Fla.
A.B. (Florida State College for Women), History.
- McLendon, Virginia Grovetown, Ga.
A.B. (Georgia State College for Women), Education.
- McMahan, Chalmers Alexander Seneca, S. C.
B.S. (Clemson Agricultural College), Education.
- Madison, Royd Blaine Union Grove, N. C.
B.S. (Appalachian State Teachers College), Education.
- Major, Everett W. Richmond, Va.
B.S., A.M. (College of William and Mary), Mathematics.
- Mayes, Janie Louise Mayesville, S. C.
A.B. (Converse College), Education.
- Merritt, Helen Christine Forest Glen, Md.
B.S. (Wilson Teachers College), Education.
- Mouzon, Isabelle Gordon Orangeburg, S. C.
A.B. (Winthrop College), History.
- Nolan, Dorothy Mary Memphis, Tenn.
A.B. (University of Tennessee), Education.
- Nordstrom, Clarence John New Britain, Conn.
Ph.B. (Wesleyan), Education.
- Osteyee, Andrew George Madison, N. J.
A.B. (Middlebury College), A.M. (Columbia), Mathematics.
- Palmer, Percy Robert Bebee, W. Va.
A.B. (Marshall College), Mathematics.
- Paschal, Mary Naomi Jacksonville, Fla.
A.B. (Wesleyan College), Education, English.
- Pauff, Ethel Blanche Nesquehoning, Pa.
A.B. (Ursinus College), History.
- Peters, Thelma Peterson Miami, Fla.
A.B. (Brenau College), History.
- Rader, George Leroy Oakwood, Ohio
A.B. (Ashland College), Education.
- Reese, Burton Byron Taylor, Pa.
B.S. (East Stroudsburg State Teachers College), Education.
- Richardson, Amelia Marie McKeesport, Pa.
A.B., A.M. (Grove City College), Mathematics, Education.
- Richardson, John Williams Puryear, Tenn.
B.S. (Murray State Teachers College), Education, History.
- Richardson, Myrtle Parke Puryear, Tenn.
A.B. (Murray State Teachers College), Education, English.
- Rieman, Glenn Walker Berlin, Pa.
A.B. (Juniata College), M.Ed. (University of Pittsburgh), Education.
- Riser, Ethel Sanford, Fla.
A.B. (Newberry College), Mathematics.
- Risser, Leah Cathrine Hershey, Pa.
A.B. (Goshen College), Education.
- Ross, Alice Lorraine S. Brownsville, Pa.
A.B. (Waynesburg College), History.
- Rowe, Effie Mae Emmitsburg, Md.
A.B. (Western Maryland College), Education.
- Rugaber, Ralph Charles Galetton, Pa.
B.S. (Mansfield State Teachers College), Education, Mathematics.
- Rusk, Gertrude Parke Kensington, Md.
B.S. (Wilson Teachers College), English, Education.
- Saez, Mercedes de los Angeles Santurce, Puerto Rico
A.B. (Temple), A.M. (University of Puerto Rico), English.

- Sheese, Mildred Libbie
A.B. (Wilson College), History. Washingtonville, Pa.
- Sherry, John Joseph
B.S. (Temple), Education. Mahanoy City, Pa.
- Skiles, Amos F.
Ph.B. (Muhlenberg College), Education. Allentown, Pa.
- Smith, Benjamin Lee
A.B. (Duke), Economics. Shelby, N. C.
- Snyder, Anna Jane
A.B. (Juniata College), English. Huntingdon, Pa.
- Soverns, James William
B.S. (California State Teachers College), Education. Dickerson Run, Pa.
- Spencer, Gaylord Colvin
B.S. (Mansfield State Teachers College), History, Education. Ulysses, Pa.
- Stanford, Herman Tyndall
B.S., A.M. (University of Alabama), Education. Oxford, Ala.
- Stanford, Terrell Pace
B.S. (University of Alabama), Education. Oxford, Ala.
- Stauterman, Eda Beulah
B.S., A.M. (University of Missouri), Education. Elmira, N. Y.
- Stephenson, Moselle
A.B. (Winthrop College), Education. Winston-Salem, N. C.
- Stine, Glenn Ralph
A.B. (Lenoir-Rhyne College), Economics. Newton, N. C.
- Summers, George Boyd
A.B. (Newberry College), Education. Prosperity, S. C.
- Terrill, Olive James
B.S. (Eastern Kentucky State Teachers College), Education, English. Richmond, Ky.
- Tilley, Nannie May
A.B. (Woman's College of the University of North Carolina), A.M. (Duke), History. Bahama, N. C.
- Tischer, Glen Louis
A.B. (Lafayette College), History. Catsauqua, Pa.
- Tompkins, Mary Alma
A.B. (Louisiana State), English. Alexandria, La.
- Tudor, Evelyn Whitmore
A.B. (Randolph-Macon Woman's College), Education. Wilson, N. C.
- Valentine, John Leroy
B.S. (Indiana State Teachers College), History. Dickerson Run, Pa.
- Weaver, Clarence Edwards
B.S. (Otterbein College), Education. New Paris, Pa.
- Webb, Merle Keller
A.B. (Lander College), Education. Pelzer, S. C.
- Wells, Lewis Arnold
B.S. (Clarion State Teachers College), Education. Brockway, Pa.
- West, Robert Charles
A.B., A.M. (Wofford College), Economics, History. Inman, S. C.
- Wilkerson, Milton Chick
A.B. (Hampden-Sydney College), Religion. Durham, N. C.
- Wilkinson, Courtney Ballou
A.B. (Agnes Scott College), Education. Lynchburg, Va.
- Wilson, Richard Marion
B.S. (Mansfield State Teachers College), History, Education. Gold, Pa.
- Worley, William Carson
A.B. (Gettysburg College), Education. Jacobus, Pa.

Worthington, Theresa McCormick	Bel Air, Md.
A.B. (Mary Baldwin College), Mathematics.	
Wright, Roger Lee	Damascus, Va.
A.B. (Emory and Henry College), Education.	

SUMMER OF 1936; THIRD TERM

Abee, Florence Edwina	Tampa, Fla.
A.B. (Florida State College for Women), English.	
Adams, Robert Lausch	Rothsville, Pa.
B.S. (Millersville State Teachers College), Education.	
Adams, Ruby Irene	Jacksonville, Fla.
A.B. (Florida State College for Women), Education.	
Agnew, Virginia Miller	Rock Hill, S. C.
A.B. (Winthrop College), English.	
Alexander, Ruth	Greenville, Tenn.
A.B. (Tusculum College), Political Science.	
Allaben, Sara	Thomson, Ga.
A.B. (Georgia State College for Women), English, Romance Languages.	
Alsworth, Frances Lucile	Cuba, N. Y.
B.S. (Alfred), Education.	
Altland, Paul Daniel, Jr.	York, Pa.
B.S. (Gettysburg College), A.M. (Duke), Zoology.	
Anderson, Josephine Florence	Bellona, N. Y.
A.B. (William Smith College), Romance Languages.	
Anderson, Marcia Lee	Durham, N. C.
A.B. (Bryn Mawr College), English.	
Arnold, James Franklin	Leesburg, Fla.
A.B. (Asbury College), A.M. (University of Kentucky), Education.	
Ashworth, Rufus Charles	Winter Park, Fla.
A.B. (Duke), History.	
Atkins, Emily Howard	Jacksonville, Fla.
A.B. (Florida State College for Women), History.	
Autry, John Duncan Asbury	Garland, N. C.
A.B. (Duke), Religion.	
Barber, Daniel Clyde, Jr.	Clio, S. C.
A.B. (The Citadel), Education.	
Barber, Veva Alberta	Orrick, Miss.
B.S. (Central Missouri State Teachers College), English.	
Barnes, William Speight	Raleigh, N. C.
A.B. (Duke), J.D. (University of Arizona), Mathematics.	
Beall, Richard Hugh	Hedgesville, W. Va.
B.S. (West Virginia), Mathematics.	
Beam, Joshua Paul	Gaffney, S. C.
A.B. (Furman), Education, Economics.	
Beaven, George Francis	Hillsboro, Md.
B.S. (Washington College), Botany.	
Beck, William Freer	Monongahela, Pa.
A.B., A.M. (University of Pittsburgh), History.	
Bennett, Martha Alvana	Lakeland, Fla.
A.B. (Florida State College for Women), Education.	
Biggerstaff, Frank Malcolm	Forest City, N. C.
A.B. (Duke), Education, Economics.	
Billingsley, Allie Ward	Winona, Miss.
A.B., A.M. (University of Mississippi), Romance Languages.	

- Bodey, Thora Eileen
A.B. (Indiana), History.
- Boyer, Charles Victor
A.B. (Marshall College), Psychology.
- Boyer, Martha McGovney
A.B. (Marshall College), Psychology.
- Brady, Torrance
B.S. (South Georgia Teachers College), Education.
- Branford, Walter Avery
A.B. (Washington College), English.
- Brashears, Attie Lea
A.B. (Mississippi State College for Women), History.
- Brewer, Ann Eliza
A.B. (Meredith College), A.M. (Columbia), Romance Languages.
- Brewster, James Pendleton
A.B. (Duke), Mathematics.
- Bridges, Daniel Moody
A.B. (Wake Forest College), Education.
- Brogden, Rebecca Muriel
A.B. (Duke), Education.
- Browne, Margaret Augusta
A.B. (Birmingham-Southern College), History.
- Bryan, Colgan Hobson
B.S. (University of South Carolina), Education.
- Burdette, Orral Lorraine
A.B. (New River State College), Botany.
- Bush, Marion
A.B. (Shorter College), A.M. (University of Georgia), English.
- Butcher, Roland
A.B. (Glenville State Teachers College), Education.
- Butler, Carrie Elizabeth
A.B. (Huntingdon College), Education.
- Caffrey, Mary Margaret
A.B. (Susquehanna), Education.
- Campbell, Gertrude Blanche
B.S. (Muskingum College), Education, Mathematics.
- Casey, Walter Daniel
B.S. (Howard College), Education.
- Chalker, Annie Laura
A.B. (Duke), History.
- Chamberlain, Martha Dolly
A.B. (Lake Erie College), English.
- Charlton, Harriet Virginia
A.B. (Concord State Teachers College), English.
- Chisman, Margaret Sue
A.B. (Vanderbilt), English, Education.
- Cobb, Jacob Ernest
A.B. (University of North Carolina), Education, History.
- Cody, Frances Perle
B.S. (Milligan College), Mathematics, Zoology.
- Cole, John William
A.B. (Fairmont State Teachers College), Education.
- Collins, Elmer Harland
A.B. (Glenville State Teachers College), History, Political Science.
- Vevay, Ind.
- Huntington, W. Va.
- Huntington, W. Va.
- Savannah, Ga.
- Rehoboth Beach, Del.
- Gunnison, Miss.
- Apex, N. C.
- Newnan, Ga.
- Rutherfordton, N. C.
- Durham, N. C.
- Chattanooga, Tenn.
- Trenton, S. C.
- Thurmond, W. Va.
- Barnesville, Ga.
- Cedarville, W. Va.
- Montgomery, Ala.
- Sugar Notch, Pa.
- Petrolia, Pa.
- Cullman, Ala.
- Panama City, Fla.
- Erie, Pa.
- Princeton, W. Va.
- Memphis, Tenn.
- McLeansville, N. C.
- Newport, Tenn.
- Clarksburg, W. Va.
- Clarksburg, W. Va.

Conard, Thomas Pennington	Lansdowne, Pa.
B.S. (West Chester State Teachers College), Education.	
Condron, Clare Mae	Braddock, Pa.
A.B. (Pennsylvania College for Women), Education, History.	
Couch, Marie Love	Durham, N. C.
A.B. (Duke), Education, Psychology.	
Crandall, Gilbert Albert	Annapolis, Md.
A.B. (St. Johns College), History.	
Crowe, Frank Chapman	Tampa, Fla.
A.B. (Southern College), Political Science.	
Culbreth, Sarah Elizabeth	Rocky Mount, N. C.
A.B., A.M. (Duke), Zoology.	
Cummings, Clarence Wallace	Newport, Del.
Ph.B. (College of Wooster), Education.	
Cuthrell, Mabel Claire	Lexington, N. C.
B.S. (Catawba College), English.	
Dance, Willis Lufkin	Eatonton, Ga.
A.B. (Mercer), A.M. (Duke), English.	
Davis, Donald Albert	Williamstown, Pa.
B.S. (Shippensburg State Teachers College), History.	
Deans, Cameron Dea	High Point, N. C.
A.B. (Davidson College), Education.	
DeLancy, Frances Priscilla	Morgantown, W. Va.
A.B., A.M. (West Virginia), Political Science.	
Demorest, Merrick Albert	Jacksonville, Fla.
B.S. (Otterbein College), Education, Sociology.	
Depew, Arthur McKinley	West Palm Beach, Fla.
A.B. (Milligan College), Religion.	
de Treville, Marie	Walterboro, S. C.
A.B. (Winthrop College), English.	
Dickinson, Elmer Gartin	Barboursville, W. Va.
A.B. (Morris-Harvey College), History.	
Dickinson, Vivian Sansom	Barboursville, W. Va.
B.S. (Morris-Harvey College), Mathematics.	
DiIorio, Angelina	Newark, N. J.
A.B. (Upsala College), English.	
Dillard, Kathryn	Six Mile, S. C.
B.S. (George Peabody College), English.	
Dotson, Hugh Hight	Boone, N. C.
B.S. (Appalachian State Teachers College), English.	
Dotson, Roy	Boone, N. C.
B.S. (Appalachian State Teachers College), Education.	
Douglas, Jessie Owens	Winnsboro, S. C.
A.B. (Winthrop College), History.	
Douglas, Nelle Chappell	Winnsboro, S. C.
A.B. (Winthrop College), Education.	
Dowd, Orren Edward	Durham, N. C.
A.B. (Duke), Political Science.	
Dozier, Vernon Elliott	Bartow, Fla.
A.B. (Mercer), Education.	
Dribben, William Barnett	Cleveland, Miss.
A.B. (Millsaps College), Education.	
Dunn, Elmer Cowan	Johnson City, Tenn.
B.S. (East Tennessee State Teachers College), Education.	

- Dunn, Undine
A.B., A.M. (Northwestern), English.
- Edmondson, Lois
B.S. (University of Cincinnati), Education.
- Efrid, Laura Christine
A.B. (Duke), Mathematics, Education.
- Emerich, David Jacob
B.S. (Millersville State Teachers College), Education.
- Eskridge, Thomas Joseph
A.B. (Emory and Henry College), A.M. (George Peabody College), Education.
- Eyler, William Andrew, Jr.
A.B. (University of Georgia), English.
- Felder, Helen Elise
A.B. (Woman's College of the University of North Carolina), Psychology.
- Fishburne, Margaret Greene
A.B. (Huntingdon College), Zoology.
- Fitzgerald, Mary Frances
A.B. (Woman's College of the University of North Carolina), Education.
- Fletcher, Ward Thomas
B.S. (University of Florida), Education.
- Fort, Willena
A.B. (Georgia State College for Women), English.
- Foster, Hazel Elizabeth
A.B. (Hood College), Political Science.
- Francis, Joseph Langhorne
B.S. (College of William and Mary), Botany.
- Frank, Letitia Morehouse
A.B. (Winthrop College), Romance Languages.
- Frazer, Emmet Manly
A.B. (Penn College), Religion.
- Gaines, Marvin Wilson
A.B. (Emory), History.
- Garren, Kenneth Howard
A.B. (Duke), Botany.
- Glenn, Vivian Eugene
A.B. (Wofford College), Mathematics, Education.
- Goodall, Chloe Lee
A.B. (West Virginia), English.
- Goodbread, Louise
A.B. (Florida State College for Women), English.
- Goodson, Walter Kenneth
A.B. (Catawba College), Religion.
- Graham, Hallie Cora
A.B. (Florida State College for Women), Education.
- Greene, John Thomas
A.B. (Duke), Religion.
- Griffin, Joseph Earle
B.S. (The Citadel), LL.B. (University of South Carolina), History, Political Science.
- Grigsby, Alice Blanche
A.B. (University of Chattanooga), English.
- Group, Vernard Franklin
Ph.B. (Dickinson College), A.M. (Teachers College, Columbia), Mathematics.
- Gulentz, Amelia Beryl
A.B. (West Virginia), A.M. (George Washington), Education.
- Evanston, Ill.
- Beckley, W. Va.
- Raleigh, N. C.
- Lebanon, Pa.
- Greenwood, S. C.
- Peabody College), Education.
- Savannah, Ga.
- Greensboro, N. C.
- Montgomery, Ala.
- Linwood, N. C.
- Greensboro, Fla.
- North, S. C.
- Brunswick, Md.
- Capron, Va.
- Adams Run, S. C.
- Richmond, Va.
- Grantville, Ga.
- Hendersonville, N. C.
- Jenkinsville, S. C.
- Charleston, W. Va.
- Tampa, Fla.
- Oak Ridge, N. C.
- Waldo, Fla.
- Boone, N. C.
- Florence, S. C.
- White Horn, Tenn.
- Gardners, Pa.
- Philippi, W. Va.

- | | |
|---|----------------------------|
| Gulentz, Harriet Opal | Philippi, W. Va. |
| B.S. (Northwestern), Education. | |
| Gunson, Mildred Sneed | Hinson, Fla. |
| A.B. (Florida State College for Women), Mathematics. | |
| Guyton, Percy Love | State College, Miss. |
| B.S. (Mississippi State College), M.B.A. (Northwestern), Economics. | |
| Hagaman, Anna Elizabeth | Branchville, N. J. |
| B.S. (Syracuse), Education. | |
| Hagaman, Jake George | Boone, N. C. |
| B.S. (Appalachian State Teachers College), Education. | |
| Hair, Clifton LeCroy | Charleston, S. C. |
| B.S. (The Citadel), Mathematics. | |
| Hall, Thaddaeus Bland | Covington, Tenn. |
| A.B. (Southwestern College), Education. | |
| Halsall, Earl Buggle | Charleston, S. C. |
| A.B. (College of Charleston), Political Science. | |
| Hand, Louis Napoleon, Jr. | Salisbury, N. C. |
| A.B. (Davidson College), Education. | |
| Hanes, Virginia Lee | Brownsville, Pa. |
| A.B. (Bethany College), English. | |
| Harris, Arthur Small | Jacksonville, Fla. |
| A.B. (Presbyterian College), Education, English. | |
| Harrold, Josephine Valentine | Huntington, W. Va. |
| A.B. (Marshall College), Education. | |
| Hartness, Edna Buree | Filbert, S. C. |
| A.B. (Erskine College), English. | |
| Hastings, Emily Prince | Paris, Tenn. |
| A.B. (Lambuth College), History. | |
| Hawley, Chester Warner | Homestead, Fla. |
| A.B. (Amherst College), Mathematics. | |
| Head, Philemon Ernest | Summerfield, Fla. |
| A.B. (Southern College), Economics. | |
| Heilman, Carl Ernest | Lebanon, Pa. |
| A.B. (Lebanon Valley College), Mathematics. | |
| Helm, James Thomas, Jr. | Midland, Va. |
| B.S. (Fredericksburg State Teachers College), History. | |
| Hernick, Michael Edward | Chesapeake City, Md. |
| A.B. (Western Maryland College), Education, Economics. | |
| Hess, John Henry | Fryburg, Pa. |
| Litt.B. (Grove City College), Education. | |
| Hetrick, Charles Raymond | Bellwood, Pa. |
| B.S. (Juniata College), Education, History. | |
| Hickey, Robert Louis | Johnson City, Tenn. |
| B.S. (East Tennessee State Teachers College), English. | |
| Hill, Benjamin Frederick | Charleston, W. Va. |
| A.B. (West Virginia), Education. | |
| Hill, Johnsie Cooke | Charleston, W. Va. |
| A.B. (West Virginia), English. | |
| Holder, Ray | Lucedale, Miss. |
| A.B., A.M. (University of Mississippi), History, English. | |
| Holt, Nancy Binford | Wakefield, Va. |
| B.S. (Farmville State Teachers College), Education. | |
| Hopkins, Anne Pleasants | Charlotte Court House, Va. |
| A.B. (Agnes Scott College), English. | |

- Houck, Thomas
A.B. (Wofford College), Sociology, Psychology. Winston-Salem, N. C.
- Houston, Malcolm Parks
A.B. (University of Mississippi), History. Dania, Fla.
- Huffine, Marion Gentry
B.S. (East Tennessee State Teachers College), Education. Johnson City, Tenn.
- Huffman, Thomas Jefferson
A.B. (Marshall College), A.M. (Ohio State), Education. Berwind, W. Va.
- Hughes, Margaret Elizabeth
A.B. (Flora Macdonald College), English. Cedar Grove, N. C.
- Hughes, Sanford William
A.B. (Wake Forest College), Education. Shelby, N. C.
- Hunt, Melba Cleo
A.B. (Meredith College), Botany. Apex, N. C.
- Hurt, James Lewis
B.S. (University of Florida), Education. Walnut Hill, Fla.
- Isenhour, Catharine Elizabeth
A.B. (Duke), Romance Languages, Education. Durham, N. C.
- Jacobs, James Arnold
B.S. (Murray State Teachers College), Mathematics, Education. Pembroke, N. C.
- James, William Robert
B.S. (University of Virginia), History, Education. Speedwell, Va.
- Jenkins, Roy Brown
A.B. (Concord State Teachers College), History, Education. Kingsport, Tenn.
- Joiner, Oscar H.
B.S. (South Georgia Teachers College), Education. Vidalia, Ga.
- Jones, Elijah Newman
A.B. (Elon College), Education. Holland, Va.
- Junemann, Wilma Adele
B.S. (Trenton State Teachers College), Education. Spring Lake, N. J.
- Justis, John Columbus
A.B. (Lynchburg College), Education. Onancock, Va.
- Keach, Thomas Carroll
A.B. (Western Kentucky State Teachers College), Education. Valley Station, Ky.
- Keesee, Aubrey Mays
A.B. (College of William and Mary), Political Science. Turbeville, Va.
- Keith, Harry Dale
A.B. (West Virginia), Education. Renick, W. Va.
- Keller, William Wates
A.B. (Erskine College), Political Science. Meriwether, S. C.
- Kelley, Gayle
B.S. (University of Florida), Education. DeFuniak Springs, Fla.
- Kelley, J. T.
A.B. (Kentucky Wesleyan College), Education. Haines City, Fla.
- Kelly, Edward Hetherton
A.B. (Marshall College), History. Pratt, W. Va.
- Kennedy, Ruth Henderson
B.S. (Cornell), A.M. (Columbia), Botany. East Orange, N. J.
- Kepler, Marion
A.B. (Ursinus College), Psychology, Education. Schwenksville, Pa.
- Kerrick, Frederick Byron
B.S. (Mansfield State Teachers College), Education. Towanda, Pa.
- Kimler, Verna Maurine
A.B. (Knox College), Education. Miami, Fla.
- Klein, James Raymond
A.B. (Duke), Biochemistry. Baltimore, Md.

- Knape, Arthur John
B.S. (Bowling Green State), Sociology, Education. Defiance, Ohio
- Knight, Lofton Lacie
A.B. (Western Kentucky State Teachers College), Economics. Buechel, Ky.
- Kuhn, Robert Elwood
A.B. (Marshall College), Education, Economics. Charleston, W. Va.
- Landrum, Louella
A.B. (Mississippi College), English. Clinton, Miss.
- Lane, James Frank, Jr.
A.B. (University of Maryland), Education, History. Goldsboro, Md.
- Lansdell, Emily Kilpatrick
A.B. (Coker College), English. Hephzibah, Ga.
- Lawrie, David Edward
B.S. (University of Florida), Economics, Education. Ellet, Ohio
- Ledbetter, Jap
A.B. (Duke), Education. Shelby, N. C.
- Lee, Emily Markham
B.S. (George Peabody College), English. Graham, N. C.
- Leenhouts, Laura Nelja
A.B. (Florida State College for Women), Education. Miami, Fla.
- Levett, Ella Pettit
B.S. (College of Charleston), A.M. (University of South Carolina), History. Charleston, S. C.
- Lewis, James Howard
B.S. (Millsaps College), Education, Psychology. Greenwood, Miss.
- Lindsay, Charles Stuart
B.S. (Geneva College), Education. Monaca, Pa.
- Lord, Charles Amon
A.B. (Shepherd State Teachers College), Education, History. Martinsburg, W. Va.
- Lynn, Willie Louis, Jr.
A.B. (Lynchburg College), Education. Clifton Forge, Va.
- McAllister, Birdie
A.B. (University of Georgia), Botany. Miami, Fla.
- McCord, William Fletcher
A.B. (Mercer), Psychology. Macon, Ga.
- McFarlane, Margaret
A.B. (Mississippi State College for Women), English. Drew, Miss.
- McGhee, Grant Oliver
A.B. (Emory and Henry College), Education. Airpoint, Va.
- McKnight, Cleveland Brown
A.B. (Emory), Education. Jacksonville, Fla.
- McKown, Paul
A.B. (Princeton), A.M., Ph.D. (University of Pennsylvania), Education. Martinsburg, W. Va.
- McLellan, Louise Gregorie
A.B. (Winthrop College), Education. Sumter, S. C.
- Mackanic, Katherine Lucile
A.B. (Allegheny College), Romance Languages, English. McKeesport, Pa.
- Marchman, Watt Pearson
A.B. (Rollins College), History. Winter Park, Fla.
- Marshall, Clarence William
B.S. (Grove City College), Education. Dayton, Pa.
- May, William Henry
A.B. (Duke), Education. Durham, N. C.
- Mercer, Julia
A.B. (Bessie Tift College), English. Columbus, Ga.
- Merriman, Charles Milton
B.S. (Carnegie Institute of Technology), Education. Wilmerding, Pa.

- Michel, Harry Oscar
B.S. (University of California), Biochemistry. San Andreas, Calif.
- Middlebrooks, Mary Lillian
A.B. (Agnes Scott College), A.M. (Emory), Political Science. East Point, Ga.
- Miller, Paul
(U. S. Naval Academy), Mathematics. Walterboro, S. C.
- Mitchell, Edna Mae
A.B. (Morehead State Teachers College), Education, English. Wurtland, Ky.
- Mitchell, Eunice Virginia
A.B. (Morehead State Teachers College), Education, Economics. Wurtland, Ky.
- Mitchell, Lucy May
B.S. (University of Pittsburgh), Education. Mahaffey, Pa.
- Moler, James Milton
A.B. (Berea College), History, Education. Charles Town, W. Va.
- Moore, Eugene Robert
A.B. (Trinity), English. Mineral Wells, Texas
- Moore, John Burchell
A.B., A.M. (University of South Carolina), English. Augusta, Ga.
- Morrison, Harvey Louie
A.B. (Davidson College), Education. Mooresville, N. C.
- Motley, Everett Lyle
A.M. (Lynchburg College), Education. Clifton Forge, Va.
- Munsey, Lassie May
A.B. (University of Chattanooga), Political Science, Economics. Chattanooga, Tenn.
- Myers, Carl Francis, Jr.
B.S. (The Citadel), Mathematics. Charleston, S. C.
- Nash, Loy Arthur
A.B. (Duke), Education. Durham, N. C.
- Noll, Robert Roscoe
B.S. (Pennsylvania State College), Education, History. Llewellyn, Pa.
- Ostwalt, Jay Harold
A.B. (Davidson College), Education. Statesville, N. C.
- Owen, Ray Anderson
A.B. (Mississippi College), Education. Jacksonville, Fla.
- Pafford, Julian Aubrey
B.S. (South Georgia Teachers College), Education, History. Douglas, Ga.
- Pafford, Waldo Cecil
B.S. (South Georgia Teachers College), Education. Rocky Ford, Ga.
- Painter, Edward Jackson
B.S. (East Tennessee State Teachers College), Education. Northfork, W. Va.
- Palmer, Grover Winfield
A.B. (Wofford College), Education, Economics. Greenville, S. C.
- Parker, Anne Elizabeth
A.B. (University of Chattanooga), Romance Languages. Chattanooga, Tenn.
- Perkins, Lindsey Saunders
A.B. (University of Florida), English, Education. Pine Castle, Fla.
- Permenter, Walter Newton
B.S. (Millsaps College), Psychology, Education. Jackson, Miss.
- Pfaff, Virginia
A.B. (Alabama College), English. Birmingham, Ala.
- Phelps, George Thomas
B.S. (Bethany College), Education. New Castle, Pa.
- Phillips, Paul L.
A.B. (Morris Harvey College), Political Science. Belington, W. Va.
- Piedra, Harry Tiburt
A.B. (Bowdoin College), English. Tampa, Fla.

Pittman, Ernest	Tigerville, S. C.
A.B. (Furman), Economics.	
Plymale, Pearl Boggess	Charleston, W. Va.
A.B. (Marshall College), Education.	
Plymale, Rexford Puryear	Charleston, W. Va.
A.B. (Marshall College), Education.	
Polk, Alice Morella	Charlotte, N. C.
A.B. (Winthrop College), English.	
Porter, Helen Elizabeth	Clinton, S. C.
A.B. (Flora Macdonald College), English.	
Porter, Julia Adeline	Clinton, S. C.
A.B. (Flora Macdonald College), Romance Languages.	
Powell, Caroline Egerton	Warrenton, N. C.
A.B. (Elon College), Botany.	
Price, Albert Lee	Erwin, Tenn.
A.B. (Milligan College), Botany.	
Priester, H. F., II	Lake Butler, Fla.
A.B. (University of Florida), Education.	
Pugh, Griffith Thompson, Jr.	Bishopville, S. C.
A.B., A.M. (University of South Carolina), English.	
Purcell, James Slicer, Jr.	Largo, Fla.
A.B. (John B. Stetson), English.	
Randle, Clinton Wilson	Hickman, Ky.
A.B. (Duke), Sociology, Economics.	
Rawl, William Asmann, Jr.	Batesburg, S. C.
A.B. (The Citadel), Education.	
Ray, Cora Miller	Belton, Texas
A.B. (Baylor College), History.	
Reavis, Rebecca Ann	Yadkinville, N.C.
A.B. (Southern Methodist), Education.	
Redman, Robert Brittain	Athens, Pa.
A.B. (Swarthmore College), Economics.	
Reid, Robert Harding	Reidville, S. C.
A.B. (Davidson College), History.	
Rein, William Christopher	Cumberland, Md.
A.B. (Western Maryland College), Education.	
Reinhardt, Clyde	Ashburn, Ga.
B.S. (Huntingdon College), Education.	
Renfro, Carl Gilbert	Statesboro, Ga.
B.S. (Emory), Psychology, Education.	
Richmond, John Ashley	Jonesville, Va.
A.B. (Emory and Henry College), Education.	
Riddle, Charles Dayton	Greenville, S. C.
A.B. (Howard College), M.S. (University of Chicago), Zoology.	
Roberson, Elva Marion	Jacksonville, Fla.
A.B. (Bessie Tift College), History.	
Robinson, Frances	Newport, Ky.
A.B. (Union College), Sociology.	
Robinson, John Relmon	Wrightsville Beach, N. C.
B.S. (Furman), Education.	
Roehm, Albert David	Chester, Pa.
B.S. (Millersville State Teachers College), Education, History.	
Rollins, Roy Eugene	Salisbury, N. C.
A.B. (Elon College), History.	
Ross, William Alexander	McAlevy's Fort, Pa.
B.S. (Juniata College), Education.	

- Rosser, Lillian Evelyn
A.B. (Tulane), Education, History. Miami, Fla.
- Rucker, Edith Wall
A.B. (Queens-Chicora College), History. Anderson, S. C.
- Rudolph Alton Dual
A.B. (Western Kentucky State Teachers College), Political Science. Paducah, Ky.
- Ruff, Hazel Shelton
A.B. (Mississippi State College for Women), History. Jackson, Miss.
- Saez, Mercedes de los Angeles
A.B. (Temple), A.M. (University of Puerto Rico), English. Santurce, Puerto Rico
- Sanders, Martha
B.S. (University of Alabama), English. Troy, Ala.
- Satterfield, George Howard
A.B., A.M. (Duke), B.S. (University of North Carolina), Biochemistry. Raleigh, N. C.
- Schuyler, Mary Freas
B.S. (Bloomsburg State Teachers College), Education. Bloomsburg, Pa.
- Scott, George Milton
A.B. (Chattanooga), B.Lit. (Columbia), A.M. (Duke), English. Augusta, Ga.
- Scott, Worthy Kincaid, Jr.
B.S. (Waynesburg College), Political Science, Economics. Waynesburg, Pa.
- *Shaw, Martha Luelle
A.B. (Duke), English. Miami, Fla.
- Shelton, Eleanor Elizabeth
A.B. (Woman's College of the University of North Carolina), Psychology, Education. Washington, N. C.
- Shields, Margaret Virginia
A.B. (Belhaven College), English. Brandon, Miss.
- Shockloss, Michael Daniel
B.S. (East Stroudsburg State Teachers College), Education. Swoyerville, Pa.
- Sims, Mildred Elizabeth
B.S. (College of Charleston), Education. North Charleston, S. C.
- Smith, Allen Candler
A.B. (University of Georgia), History. Decatur, Ga.
- Smith, Alva Lee
B.S. (Virginia Polytechnic Institute), Mathematics. Norfolk, Va.
- Smith, Jessie Beatrice
A.B. (Greenville Woman's College of Furman University), English. Belton, S. C.
- Smith, Margaret McMillan
A.B. (Florida State College for Women), Education. Gainesville, Fla.
- Smith, Oscar
A.B. (North Georgia College), Education. Palmetto, Fla.
- Smith, Pauline Duggan
A.B. (Bessie Tift College), English. Delaware City, Del.
- Smith, Wilbur Franklin
A.B. (Mercer), M.Ed. (Duke), Education. Delaware City, Del.
- Smitherman, Ralph Jesse
B.S. (Appalachian State Teachers College), Education. East Bend, N. C.
- Snyder, Anna Jane
A.B. (Juniata College), English. Huntingdon, Pa.
- Spainhour, Richard Edward
A.B. (Maryville College), Education, History. Lenoir, N. C.
- Spangler, Arthur Hodson
A.B. (Concord State Teachers College), Education. Peterstown, W. Va.
- Spencer, Dale Kirk
A.B. (Davidson College), Education, Psychology. Grassy Creek, N. C.

* A.B. to be conferred June, 1937.

- Spencer, John Corson
A.B. (University of Richmond), Education. Guinea Mills, Va.
- Steelman, Ruth Amber
A.B. (Lenoir-Rhyne College), Education. Hickory, N. C.
- Stephens, James Kenneth
B.S. (North Carolina State College), History. Apex, N. C.
- Stone, Henry Clarence
B.S. (North Carolina State College), Education, Economics. Shallotte, N. C.
- Stone, Tecoa Elizabeth
A.B. (Winthrop College), English. Williamston, S. C.
- Stover, Kermit Martin
B.S. (Lock Haven State Teachers College), Psychology. Lock Haven, Pa.
- Strange, Reuben Turner
A.B. (Wake Forest College), Education. Durham, N. C.
- Strickland, Cecil Calvert
A.B. (Glenville State Teachers College), M.S. (West Virginia), Botany. Clendenin, W. Va.
- Stumpf, Phillip Quay
A.B. (Franklin and Marshall College), Sociology, History. Lancaster, Pa.
- Sturm, Albert Lee, Jr.
A.B. (Hampden-Sydney College), Education. Appalachia, Va.
- Sumner, Thelma Roberts
A.B. (Florida State College for Women), English. Tampa, Fla.
- Swanger, Harry Joseph
B.S. (Lebanon Valley College), Education. Lebanon, Pa.
- Swim, Riley Cecil
A.B. (Emory and Henry College), Economics, Education. Beckley, W. Va.
- Tarrall, Elmer
A.B. (Duke), Education. Norfolk, Va.
- Taylor, Paul Richard
A.B. (Elon College), Religion. Lewisville, N. C.
- Terry, Charles Edwin, Jr.
B.S. (University of Florida), Education, Psychology. Winter Park, Fla.
- Tew, Thelma Pearle
A.B. (Florida State College for Women), Psychology, Education. Sanford, Fla.
- Togneri, Lila Clementine
A.B. (Winthrop College), Education, Psychology. Graniteville, S. C.
- Triplett, Edna Bernadine
A.B. (Queens-Chicora College), A.M. (Duke), English. Charlotte, N. C.
- Truesdale, Edred
A.B. (University of South Carolina), Education. Kershaw, S. C.
- Tucker, Grace
A.B. (Winthrop College), English. Sumter, S. C.
- Tyler, Karlie Reed
B.S. (Florida State College for Women), Education. Glen Saint Mary, Fla.
- Uhler, Katherine
L. es L. (Sorbonne, Paris, France), Romance Languages. Charlotte, N. C.
- Van Hook, Benjamin Ormond
A.B. (Millsaps College), A.M. (Vanderbilt), Mathematics. Jackson, Miss.
- Vernon, Sarah Elizabeth
A.B. (Meredith College), Political Science. Burlington, N. C.
- Vince, James Jack
Ph.B. (John Carroll), Sociology, History. Cleveland, Ohio
- Wagner, Carl Leon
A.B. (University of Miami), Political Science. Homestead, Fla.
- Waite, Edwin Emerson
B.S. (Middlebury College), Sociology. Framingham, Mass.

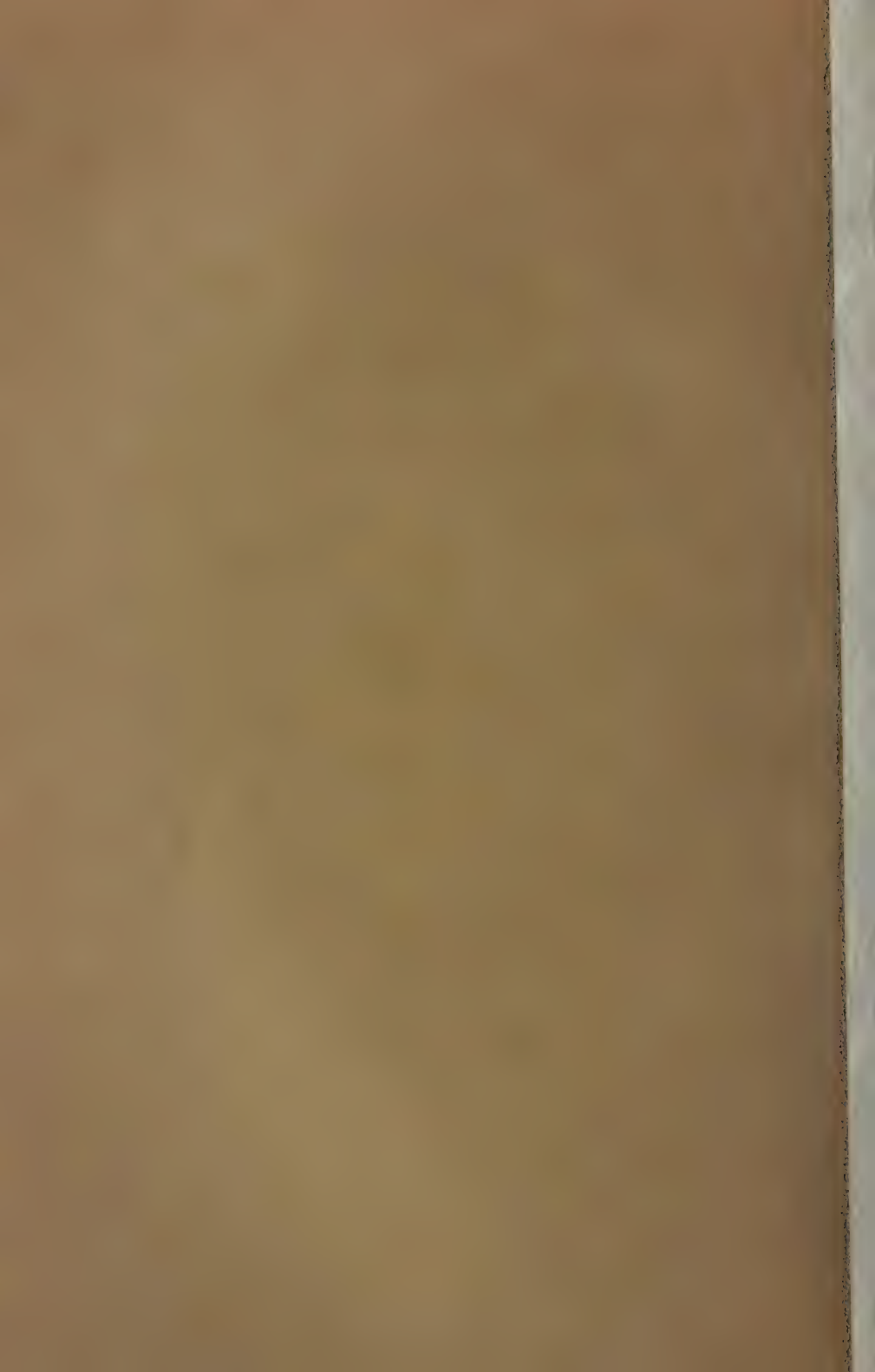
Wake, Orville Wentworth	Middletown, Va.
A.B. (Lynchburg College), Education.	
Walter, Selwyn Bernard	Edon, Ohio
B.S. (Ohio State), History.	
Walters, Eleanor Boyd	Gunnison, Miss.
B.S. (Mississippi Delta State Teachers College), Mathematics.	
Warren, John Sharpe	Wrens, Ga.
A.B. (Millsaps College), B.D., A.M. (Emory), Psychology, Education.	
Watson, Florence Kathleen	Charleston, W. Va.
B.S. (Harrisonburg State Teachers College), English.	
Weldon, William Heathley	Abbeville, S. C.
A.B. (Presbyterian College), Education.	
White, Fannie Belle	Columbia, S. C.
A.B. (Columbia College), A.M. (University of South Carolina), History.	
White, Frank Dudley	Linden, Va.
A.B. (Randolph-Macon College), Education.	
Williams, Ellis Downing	Clarks Summit, Pa.
B.S. (Mansfield State Teachers College), Education.	
Wilson, John Woodrow	Durham, N. C.
B.S. (Duke), Zoology.	
Withers, Clarence Maxwell	Huntington, W. Va.
A.B. (Marshall College), Education.	
Young, Valla Evelyn	Newport, Ky.
A.B. (Western Kentucky State Teachers College), English.	
Zimmerman, Carroll Louis	Miamisburg, Ohio
A.B. (Miami), Physics.	

JUNALUSKA SUMMER SCHOOL OF 1936

Beck, Carol Harriet	Whistler, Ala.
B.S., M.S. (Purdue), Botany.	
Clabough, Hugh Carter	Chattanooga, Tenn.
A.B. (Maryville College), Botany.	
Dowdy, Edna Lanette	Greensboro, N. C.
A.B. (Greensboro College), Botany.	
Marshall, Clarence William	Dayton, Pa.
B.S. (Grove City College), Botany.	
McAllister, Birdie	Miami, Fla.
A.B. (University of Georgia), Botany.	
Myers, Dorothy Elizabeth	Dickinson, Pa.
B.S. (Pennsylvania State College), Botany.	
Noell, Julia Anna	Syracuse, Kan.
B.S. (Kansas State College), Botany.	
Pyron, Joseph Hicks	Athens, Ga.
A.B. (University of Georgia), M.S. (Duke), Botany.	
Smith, Ruth Bryan	Dawson, Pa.
B.S. (Pennsylvania State College), Botany.	
Taylor, Noel Alexander	Williamstown, Pa.
B.S. (Shippensburg State Teachers College), Botany.	
Williams, Annie John	Reidsville, N. C.
A.B. (Greensboro College), Botany.	
Wright, Audrey Adele	Louisville, Ky.
B.S. (University of Louisville), Botany.	

SUMMARY

Graduate students, First Summer Term, 1936.....	812
Graduate students, Middle Summer Term, 1936.....	129
Graduate students, Last Summer Term, 1936.....	312
Graduate students, Junaluska Summer School, 1936.....	12
Graduate students, Academic Year 1936-37.....	229
<hr/>	
<i>Total</i>	1,494
Deduct for duplications.....	231
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<i>Total enrollment</i>	1,263



VOLUME 9

May, 1937

NUMBER 5-A

BULLETIN OF DUKE UNIVERSITY

Engineering



1936-1937

ANNOUNCEMENTS FOR 1937-1938

PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

ANNUAL CATALOGUES AND BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

For BULLETIN OF ENGINEERING, apply to *The Secretary*, Duke University, Durham, N. C.

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For BULLETIN OF THE SCHOOL OF RELIGION, apply to *The Registrar of the School of Religion*, Duke University, Durham, N. C.

For BULLETIN OF THE SUMMER SCHOOLS, apply to *The Director of the Summer Schools*, Duke University, Durham, N. C.

For BULLETIN OF FORESTRY, apply to *The Director, Duke Forest*, Duke University, Durham, N. C.

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BULLETIN
OF
DUKE UNIVERSITY



ENGINEERING

1936-1937

ANNOUNCEMENTS FOR 1937-1938

DURHAM, NORTH CAROLINA

1937

TABLE OF CONTENTS

	PAGE
UNIVERSITY CALENDAR	5
ADMINISTRATIVE OFFICERS	7
EXECUTIVE COMMITTEE	7
INSTRUCTIONAL STAFF	7
COUNCIL ON ENGINEERING INSTRUCTION	8
ENGINEERING COURSES OFFERED	9
GENERAL REGULATIONS	13
Admission to Engineering Division	13
Admission by Certificate	14
Admission by Examination	15
Admission to Advanced Standing	15
Special Students	16
REQUIREMENTS FOR DEGREE	17
COURSES OF INSTRUCTION	20
FEES AND EXPENSES	28

UNIVERSITY CALENDAR

1937

- | | |
|-------|---|
| June | 9. Wednesday—Registration of students for Summer School, first term. |
| June | 10. Thursday—Instruction begins for Summer School, first term. |
| July | 1. Thursday—Registration of students for Summer School, middle term. |
| July | 2. Friday—Instruction begins for Summer School, middle term. |
| July | 5. Monday—Independence Day: a holiday. |
| July | 19-20. Monday, Tuesday—Final examinations for Summer School, first term. |
| July | 21. Wednesday—Registration of students for Summer School, last term. |
| July | 21. Wednesday, 2:30 P.M.—Instruction begins for Summer School, last term. |
| Aug. | 10-11. Tuesday, Wednesday—Final examinations for Summer School, middle term. |
| Aug. | 30-31. Monday, Tuesday—Final examinations for Summer School, last term. |
| Sept. | 16. Thursday, 9:00 A.M.—Dormitories open to Freshmen. |
| Sept. | 16. Thursday, 8:00 P.M.—Assembly for all entering Freshmen; Freshman Orientation Program begins. |
| Sept. | 18. Saturday, 4:00 P.M.—First regular meeting of the Council on Freshman Instruction. |
| Sept. | 21. Tuesday—Freshman instruction begins. |
| Sept. | 21. Tuesday—Registration and matriculation of new students, with advanced standing. |
| Sept. | 22. Wednesday, 11:00 A.M.—Formal opening of the College; registration of matriculated students. |
| Sept. | 23. Thursday—Instruction for Sophomores, Juniors, and Seniors begins. |
| Sept. | 23-25. Thursday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-4:00 P.M.; Friday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-5:00 P.M.; Saturday, 9:00 A.M.-1:00 P.M.—Registration of graduate students. |
| Nov. | 11. Thursday—Armistice Day. |
| Nov. | 25. Thursday—Thanksgiving Day: a holiday. |
| Dec. | 11. Saturday—Duke University Day. |
| Dec. | 20. Monday, 1:00 P.M.—Christmas recess begins. |
| Jan. | 3. Monday, 8:00 A.M.—Instruction is resumed. |
| Jan. | 20. Thursday—Mid-year examinations begin. |

1938

- Jan. 31. Monday—Last day for matriculation for second semester.
- Feb. 1. Tuesday—Second semester begins.
- Feb. 22. Tuesday—Washington's Birthday: a holiday.
- March 30. Wednesday, 1:00 P.M.—Spring vacation begins.
- April 6. Wednesday, 8:00 A.M.—Instruction is resumed.
- April 15. Friday—Last day for submitting orations for Wiley Gray Contest.
- April 30. Saturday—Last day for selection of courses for ensuing year.
- May 13. Thursday—Earliest date for beginning of Honors examinations.
- May 23. Monday—Final examinations begin.
- June 4. Saturday—Commencement opens; Senior Class Day; meeting of the Board of Trustees.
- June 5. Sunday—President's Address to Graduating Class; Commencement Sermon.
- June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

ADMINISTRATIVE OFFICERS

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D. <i>President</i>	West Campus
ROBERT LEE FLOWERS, A.M., LL.D. <i>Vice-President in the Business Division, Secretary and Treasurer</i>	West Campus
WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D. <i>Vice-President in the Educational Division and Dean of the University</i>	West Campus
HERBERT JAMES HERRING, A.B., A.M. <i>Dean of Men</i>	Erwin Apartments
JOHN WESLEY WILLIAMS, A.B. <i>Assistant to the Dean of Men, in Division of Engineering</i>	Southgate Dormitory
ALAN KREBS MANCHESTER, A.B., A.M., Ph.D. <i>Dean of Freshmen</i>	West Campus
WILLIAM HOLLAND HALL, A.B., A.M., B.C.E., M.S.C.E. <i>Chairman, Division of Engineering</i>	11 Beverly Apartments

EXECUTIVE COMMITTEE, DIVISION OF ENGINEERING

W. H. HALL, <i>Chairman</i>	W. J. SEELEY
W. A. TYREE, <i>Secretary</i>	R. S. WILBUR
H. C. BIRD	

INSTRUCTIONAL STAFF

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WALTER JAMES SEELEY, E.E., M.S. <i>Professor of Electrical Engineering, Chairman of Department of Electrical Engineering</i>	1005 Urban Avenue
RALPH SYDNEY WILBUR, B.S. in M.E., M.E. <i>Professor of Mechanical Engineering, Chairman of Department of Mechanical Engineering</i>	1317 Arnette Avenue
ROBERT G. CHAPMAN, B.S. in M.E., M.M.E. <i>Instructor in Mechanical Engineering</i>	Pickett Road
WILLIAM WHITFIELD LEWIS, B.S. in C.E. <i>Instructor in Engineering</i>	107 W. Trinity Avenue

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RUSSELL RANSON, B.S. in E.E. <i>Instructor in Electrical Engineering</i>	Box 243, College Station
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ARCHIBALD CURRIE JORDAN, A.B., A.M. <i>Assistant Professor of English</i>	Pinecrest Road
FRANK KIRBY MITCHELL, A.B., A.M. <i>Associate Professor of English</i>	1008 W. Trinity Avenue
JAMES CARLISLE MOUZON, B.A., Ph.D. <i>Assistant Professor of Physics</i>	2017 Wa-Wa Avenue
WALTER MCKINLEY NIELSEN, B.S., Ph.D. <i>Professor of Physics</i>	1104 Virginia Avenue
KARL BACHMAN PATTERSON, A.B., A.M. <i>Assistant Professor of Mathematics</i>	1024 Monmouth Avenue
JOHN HERMAN SHIELDS, A.B., A.M. <i>Assistant Professor of Accounting</i>	2 Eloise Apartments
JOSEPH JOHN SFENGLER, A.B., M.A., Ph.D. <i>Professor of Economics</i>	1601 Lakewood Avenue
ROBERT NORTH WILSON, A.B., M.S. <i>Professor of Chemistry</i>	822 Third Street
ROBERT RENBERT WILSON, A.B., A.M., Ph.D. <i>Professor of Political Science</i>	216 Forestwood Drive
FREDERICK ADOLPHUS WOLF, A.B., A.M., Ph.D. <i>Professor of Botany</i> Assisted by members of General Faculty listed in <i>General Bulletin</i> .	924 Urban Avenue

COUNCIL ON ENGINEERING INSTRUCTION

President W. P. FEW	J. C. MOUZON, Physics
Vice-President W. H. WANNAMAKER	W. C. VOSBURGH, Chemistry
W. H. HALL, Divisional Chairman	C. B. HOOVER, Economics
H. C. BIRD, Civil Engineering	C. E. WARD, English
W. J. SEELEY, Electrical Engineering	K. B. PATTERSON, Mathematics
R. S. WILBUR, Mechanical Engineering	W. A. TYREE, Secretary

ENGINEERING COURSES OFFERED

GENERAL STATEMENT

Duke University, through the Division of Engineering of Trinity College, offers standard four-year courses in civil, electrical, and mechanical engineering. These departments occupy Asbury and Bivins Halls and Branson Laboratory located on the East Campus, apart from the Woman's College. Asbury Hall is a three-story brick building, dignified by the architecture of the Old South. Bivins Hall is a two-story brick building adjacent to Asbury Hall, while Branson Laboratory is a new building erected in 1935-36 for use as a mechanical and hydraulic laboratory. The James H. Southgate Memorial Building, completed in 1921, has been set aside for the housing of engineering students. The first floor contains social rooms, recitation rooms, gymnasium, dining-room, and kitchen. The upper floors are used for dormitory purposes and have all conveniences. Meals are provided in this building at the same rate which prevails at the other University dining-halls.

The entire curricula in civil, electrical, and mechanical engineering are set up to conform as closely as possible to the findings of the Society for the Promotion of Engineering Education. The fundamentals of all engineering, such as English, mathematics, chemistry, physics, drawing, mechanics, strength of materials, and hydraulics, are emphasized. About forty semester-hours are devoted to the major engineering group. The need for engineers to fill administrative positions is recognized by giving the student opportunity to elect subjects in the Department of Economics and Business Administration. The curriculum has been planned to prepare men for professional work in civil, electrical, and mechanical engineering. The rigorous training of an engineering curriculum, with proper courses in the Department of Business Administration, affords an excellent preparation for business where men with the engineering type of training are required.

The members of the instructional staff were chosen particularly for their ability to teach. Instruction is given in small sections, insuring personal attention. The laboratory is used to supplement the classroom, and at present the same instructor carries his class through both the classroom and laboratory work. This is made possible only where classes are limited in size.

Engineering students are in every sense a part of the student body of Duke University, enjoying the general advantages of the University and being subject to the general rules and regulations.

Three national engineering societies, the American Society of Civil Engineers, the American Society of Mechanical Engineers, and the American Institute of Electrical Engineers, are represented by student chapters operating under national charters. An honorary engineering fraternity,

Delta Epsilon Sigma, was organized several years ago for the purpose of stimulating good scholarship among the engineering students. All four of these organizations afford unusual opportunities for the members to present papers and conduct discussions of certain phases of engineering not covered in the classroom.

The Milmw Prize, consisting of a year's subscription to the *Electrical World*, is awarded each year to that student from North or South Carolina graduating in the Department of Electrical Engineering, who, in the opinion of the Faculty of that department and as shown by his grades, has made the most progress in electrical engineering during his last year in the College.

Selection of engineering students will be made on the basis of character, high-school record, and results of placement tests held during Freshman Week. Candidates for the engineering courses should review *their mathematics* before taking these tests.

EQUIPMENT

The Civil Engineering Laboratories, located in Asbury and Bivins Halls, contain a large-sized Begg's Deformeter for the solution of indeterminate structures, various types of slide rules, and electric calculating machines. For surveying, there are eleven transits, sixteen levels, three plane table outfits, solar attachments, sextants, compasses, barometers, and other light equipment, as well as one precise theodolite, and one precise level. In the sanitary laboratory there is complete equipment for performing the physical, chemical, bacteriological, and microscopic tests as outlined by the American Public Health Association. The highway laboratory contains an abrasion machine, an impact machine, a diamond core drill, and diamond saw and grinding lap, as well as complete equipment for the testing of bituminous materials, such as extractors, ductility machine, penetrometer, flash point and melting point apparatus, viscosimeters, float test apparatus, Hubbard's stability machine, and other light equipment. There is available complete equipment for the testing of cement and aggregates, such as automatic shot testing machine, flow-table, Ro-Tap sieve shaker, and other necessary supplies. For the testing of steel, wood, and concrete there is a fifty-thousand-pound universal testing machine with extensometers, shearing tools, transverse indicators, strain gages, and other attachments, and also a two-hundred-thousand-pound hydraulic press. Stream gaging is carried on by means of Price and Ott current meters. Practically all of the above equipment has been purchased since 1927.

Three well-lighted drawing rooms with 3,900 square feet of floor space and equipped with modern furniture, models, universal drafting machines, planimeters, etc., are located in the Asbury Building.

The Electrical Engineering Machinery Laboratory, located in the basement of Asbury Building, receives its electric power from the Duke Power Company over a 2300 volt, 60 cycle, three-phase line. The laboratory equipment includes a 17½ K.W., A.C. to D.C. motor-generator set for

supplying the laboratory with direct current, four direct connected D.C. to D.C. motor-generator sets, two D.C. to A.C. belted sets, a G.E. sine wave motor-generator set, a Westinghouse phase displacement dynamometer, a General Electric type A.C.D.C. synchronous converter, for one-, two-, three-, or six-phase operation, a self-starting, single-phase battery charging converter, numerous single-phase constant potential transformers, a three-phase transformer, a constant current transformer equipped with a typical load of series street lamps, three-phase induction regulators, numerous loading devices both electrical and mechanical, and a number of miscellaneous D.C. and A.C. motors and generators. Complete equipment for testing fractional horsepower motors, together with eighteen typical motors, was recently added to this laboratory. In addition, the equipment includes a complete line of measuring instruments for general testing purposes and two oscillographs for viewing and photographing wave forms.

The High-Frequency Laboratory, also located in Asbury Building, is exceptionally well equipped and contains complete apparatus for carrying out all kinds of experiments at both audio and radio frequencies. The audio-frequency equipment includes a 200-mile open-wire artificial telephone line, a vacuum tube amplifier-milliammeter-voltmeter, transmission measuring set, vacuum-tube oscillators calibrated for frequencies ranging from 25 to 75,000 cycles per second, a 1,000-cycle motor-generator, a direct reading frequency meter reading from 20 to 20,000 cycles per second; impedance bridges for both audio and intermediate frequencies; standards of resistance, inductance, and capacitance filters; a high quality amplifier, power amplifiers, loud speakers, noise meter, and other instruments for general test purposes. A complete Automatic Electric Co. automatic telephone exchange is included in this laboratory. The radio-frequency equipment consists of short wave and broadcast receivers, precision wave-meter, Shaw recorder, standard signal generator, thermocouples for current and voltage determinations, condensers, inductors, and meters. The amateur radio station W4AHY, including a 75-watt crystal-controlled C.W. transmitter, a Collins 30FXB phone transmitter, and a Hammarlund pro receiver, is located in this department.

The Electrical Circuits Laboratory is equipped with all necessary apparatus and instruments for carrying out experiments on electric and magnetic circuits. This laboratory is used by the Junior Class in connection with course 161-162.

The mechanical engineering equipment, situated in Branson Hall, and Bivins Hall, includes a horizontal automatic self-oiling Troy steam engine, a vertical throttling governor Wachs steam engine, Terry steam turbine, flow of steam apparatus, Worthington reciprocating pump, steam injector, small double pipe condenser, electrically driven 12 x 10 Ingersoll-Rand air compressor properly piped with tanks and measuring instruments, small blower and test duct, model A Ford engine directly connected to a Sprague electric dynamometer, and a directly connected motor-driven Allis-Chalmers centrifugal pump.

The testing instruments consist of two Maihak indicators, Brown electric flow meter, General Electric flow meters, steam calorimeters, American gauge tester, tachometers, Prony brakes, and the necessary small equipment. Complete equipment is available for testing of coal. In the oil-testing laboratory there is the customary equipment commonly used in undergraduate instruction. Other equipment consists of two fuel gas analyzers, Hays carbon dioxide recorder, water analysis equipment, and apparatus for calibrating thermometers. During the school year 1935-36 all the mechanical apparatus was regrouped in Branson Laboratory, and among the new equipment are two motor-generator sets for supplying 220 volts and 120 volts direct current, a centrifugal pump with variable speed motor, a 1935 Chevrolet engine, a large size centrifuge, a Pensky Martin flash point tester, a Thurston-Olsen oil tester, a new potentiometer for temperature measurements, as well as other necessary equipment. Close co-operation of the two heating plants, ice plants, and other University mechanical equipment affords exceptional opportunities for inspection and testing. All the mechanical equipment has been installed within the last three years.

The Engineering Divisional Library of approximately three thousand volumes of modern engineering texts, in addition to approximately five hundred bound volumes of periodicals, supplemented by the main University Library, offers ample opportunity for reference. With generous annual appropriations this library is rapidly expanding to provide for research requirements.

ADMISSION TO COLLEGE

GENERAL REGULATIONS

Admission to the Division of Engineering of Duke University is on a selective basis, dependent upon the ability, attainments, and character of the applicant. No student is admitted until the Council on Admissions has received for him a scholastic record from school or college, a certificate of vaccination and of good health, and satisfactory evidence of good character and ability. A personal interview with each applicant is regarded as desirable. This is of advantage not only to the Council but also to the applicant, since it enables him to acquaint himself to some extent with the University and to discuss possible courses of study.

Certain days are announced in the University Calendar each year for the registration, classification, and sectioning of students. Those students who are admitted later than the dates announced must pay to the Treasurer \$5.00 additional for the privilege of matriculation.

All correspondence relating to admission of men should be addressed to the Secretary of Duke University, Duke Station, Durham, N. C.

ADMISSION TO ENGINEERING DIVISION

An applicant for admission to the Freshman Class in engineering must have completed at least fifteen units of preparatory work, partly in required and partly in elective subjects. A unit represents a year of work in a subject in an accredited secondary school, provided the work done in that subject is approximately one-fourth of the annual amount of work regularly required in the school.

The subjects in which this credit may be offered and the maximum amount of credit acceptable in each subject are given in the following table:

UNITS		UNITS	
English	4	Botany	1
Latin	4	Zoology	1
Greek	3	General Biology	1
German	3	Physical Geography	1
French	3	General Science	1
Spanish	3	Agriculture	2
Mathematics	4	Mechanical Drawing	2
History and Civics	4	Woodwork, Forging, and	
Physics	1	Machine Work	2
Chemistry	1	Household Economics	2
		Commercial Subjects	3

For a detailed explanation of the units in the table above, see the definitions as set forth by the Southern Association of Colleges and Secondary Schools and other regional associations.

ADMISSION BY CERTIFICATE

Applicants able to submit certificates of proficiency from accredited schools in subjects accepted for admission to the Freshman Class will be admitted without examination. These certificates must be properly made out on the regular blanks furnished by the University, signed by the principal of the school from which the applicant comes, and presented before or at the opening of the academic year. The applicant must have completed the course of the school from which he comes.

At least nine and one-half of the fifteen units required for admission must come from the following:

Required Units

English	3 units
A Foreign Language	2 units
*Science	1 unit
History	1 unit
**Algebra	1½ or 2 units
Plane Geometry	1 unit

Elective Units

In addition to the above required units, sufficient elective units must be offered to make a total of fifteen. It is recommended that these electives be chosen from the following list:

†Algebra (College Board "B")	½ unit
Solid Geometry	½ unit
†Trigonometry	½ unit
††German or French or Latin or Spanish or Greek	1 to 4 units
History or Civics (not the required unit)	1 to 3 units
Physics or Chemistry or Biology (not the required unit)	1 to 3 units

On account of a lack of uniformity in various states as to the subject matter covered by the various units in algebra and the consequent variation in the work done by Freshmen in advanced algebra, it has become necessary to adopt the College Entrance Examination Board's definition of these units and to require each prospective student to take a placement examination in algebra during Freshman Week. Students who validate by examination one and one-half units (algebra through quadratics, binominal theorem, and progressions) which are offered for admission or two units (algebra through quadratics, binominal theorem, progressions, simultaneous equations in three unknowns, graphs, exponents, and radicals, and logarithms) will be placed in Mathematics 9-10 (5 hours a week, each semester). Those who validate by examination only one unit

* Wherever possible physics or chemistry should be offered for this requirement.

** Examination required to validate offering.

† Examination required to validate offering.

†† One elective unit in any of the above languages will be accepted for admission provided the language requirement has been satisfied without it. As many as four units will be accepted in any one of these languages.

of the offering in algebra (i.e., to quadratics) will be placed in Mathematics 11-12 (6 hours a week, each semester). Those who do not validate by examination at least one unit of their offering in algebra will not be allowed to pursue a course in engineering. Certificates from the College Entrance Examination Board (431 W. 117th Street, New York City) will be accepted in lieu of the placement examination. Prospective students may gain a general idea of the type of examination to be given here from old examinations of the College Board published by Ginn and Company, New York.

ADMISSION BY EXAMINATION

Students who present fifteen units for admission from schools not accredited by the University, and students who present the proper units but whose grades are not acceptable, are required to validate their units by entrance examinations in English and in mathematics and such other tests as the University may prescribe, including the test required by the North Carolina College Conference.

Students who have not the required units in English or in mathematics but who are otherwise acceptable must, before admission, clear this deficiency by entrance examinations.

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing from other approved institutions under the following conditions: All applicants must have fulfilled the equivalent of the requirements for admission to the Freshman Class, must present official certificates of all work done in other institutions, and have honorable dismissal from the institutions they previously attended.

Applicants for advanced standing should present, so far as possible, subjects corresponding to those required at Duke University. Students admitted to advanced standing may not during their first semester elect more than the minimum number of hours required of the class which they enter except by permission of the Dean. Further, in addition to other requirements, a minimum of one full year in residence at Duke University with the satisfactory completion of at least thirty semester-hours of work approved for Seniors, with an average grade of "C," is required of all candidates for the Bachelor's degree.

Students who have transferred from other colleges must, in order to make their provisional classification final, pass during their first year of residence not less than the equivalent of four year courses with an average grade of "C" or higher.

The date for the registration and classification of students with advanced standing from other institutions is announced in the University Calendar. Students who are admitted later than this date are required to pay to the Treasurer \$5.00 additional for the privilege of matriculating.

FRESHMAN WEEK

The week immediately preceding the opening of the College is set aside for the induction of Freshmen. During this period health examinations, psychological tests, and placement tests are given, on the basis of which Freshmen are sectioned in English and mathematics. The Freshmen are divided into groups for instruction in the use of the Library, in the regulations of the student body, and in all matters pertaining to the adjustment of the individual to a new environment. Attendance upon these exercises is required of all Freshmen.

SPECIAL STUDENTS

Students of mature age not fully prepared to enter the Freshman Class may be admitted as special students and allowed to enroll for such work as they are prepared to carry. Further, they are required to take fifteen hours of classwork a week.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GENERAL STATEMENT

The studies for the degree of Bachelor of Science in Civil, Electrical, or Mechanical Engineering are designed for students who are preparing for civil, electrical, or mechanical engineering, as a profession, and lead to the following degrees: B.S. in C.E., B.S. in E.E., and B.S. in M.E.

Each of these degrees requires one hundred and thirty-eight semester-hours of work of which one hundred and twenty-two must be completed with an average grade of "C." Six semester-hours of electives must be taken in the Departments of Economics or Political Science. If a foreign language is elected, it must be taken two years unless a student has sufficient entrance credits to enable him to pursue a more advanced course.

Prospective students in engineering should note that immediately after the final Freshman examination in May or June they are required to attend a three weeks' course in plane surveying given under the direction of the Summer School.

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GROUP I

CIVIL ENGINEERING

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Chemistry 1	4	Chemistry 2	4
English	3	English	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 2-6	3
Physical Education		Physical Education	
	15		15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

Sophomore Year

Mathematics 55	4	Mathematics 100	4
Physics 57	5	Physics 58	5
Surveying 11	2	Mechanics 8	5
Highways 15	3	Elective (Restricted)	3
Elective (Restricted)	3	Physical Education	
Physical Education			
	17		17

Junior Year

Strength of Materials 107	4	Hydraulics 108	4
Curves and Earthwork 113	2	Curves and Earthwork 114	2
Structures 131	4	Structures 132	4
Highways 117	2	Materials 118	2
Engineering, Elective	3	Engineering, Elective	3
Elective	3	Elective	3
	<hr/>		<hr/>
	18		18

Senior Year

Hydraulic Eng. 123	4	Hydraulic Eng. 124	4
Concrete 133	3	Concrete 134	3
Railroads 119	3	Railroads 120	2
Seminar 137	1	Astronomy 112	2
Electives	6	Seminar 138	1
	<hr/>	Electives	<hr/>
	17		18

GROUP II**ELECTRICAL ENGINEERING***Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Chemistry 1	4	Chemistry 2	4
English	3	English	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 4-6	3
Physical Education		Physical Education	
	<hr/>		<hr/>
	15		15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

Sophomore Year

Physics 57	5	Physics 58	5
Mathematics 55	4	Mathematics 100	4
Steam Engineering 85	2	Mechanics 8	5
Mechanism 81	2	Electrical Engineering 52	3
Electrical Engineering 51	3	Physical Education	
Physical Education			<hr/>
	<hr/>		17
	16		

Junior Year

Theory of D. C. Circuits 151	3	Theory of A. C. Circuits 152	3
Electrical Circuits		Electrical Circuits	
Laboratory 161	1	Laboratory 162	1
Strength of Materials 107	4	Electrical Measurements 104	3
Differential Equations 131	3	Hydraulics 108	4
Thermodynamics 187	3	Thermodynamics 188	3
M. E. Laboratory 199	1	M. E. Laboratory 200	1
Elective	3	Elective	3
	<hr/>		<hr/>
	18		18

Senior Year

D. C. Machinery 155	2	A. C. Machinery 258	3
D. C. Mach. Laboratory 163	1	Elec. Power Stations 158	3
A. C. Machinery 257	3	Communication 262	4
Elec. Power Transmission 159	3	Seminar 166	1
Communication 261	3	Elective	6
Seminar 165	1		
Elective	6		17
	19		

GROUP III**MECHANICAL ENGINEERING***Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Chemistry 1	4	Chemistry 1	4
English	3	English	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 4-6	3
Physical Education		Physical Education	
	15		15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

Sophomore Year

Mathematics 55	4	Mathematics 100	4
Physics 57	5	Physics 58	5
Mechanism 81	2	Mechanics 8	5
Steam Engineering 85	2	Constructive Processes 80	1
Constructive Processes 79	1	Elective (Restricted)	3
Elective (Restricted)	3	Physical Education	
Physical Education			18
	17		

Junior Year

Strength of Materials 107	4	Machine Design 170	3
Hydraulics 108	4	Thermodynamics 188	3
Thermodynamics 187	3	Inter. Comb. Eng. 197	3
M. E. Laboratory 189	2	M. E. Laboratory 190	2
Electrical Engineering 153	3	Electrical Engineering 154	3
Elective	3	Elective	3
	19		17

Senior Year

Machine Design 171	3	Industrial Eng. 192	3
Power Plants 191	3	M. E. Laboratory 194	2
M. E. Laboratory 193	2	Refrigeration 196	2
Heating and Ventilation 195	2	Aeronautics 198	3
Seminar 173	1	Seminar 174	1
Electives	6	Electives	6
	17		17

COURSES OF INSTRUCTION

DIVISION OF ENGINEERING

Note: Courses primarily for Freshmen and Sophomores are numbered from 1 to 99; those primarily for Juniors and Seniors from 100 to 199; those primarily for Seniors and Graduates from 200 to 299. The amount of credit for each course is given in semester-hours following the description of the course. The designation (w) or (E) indicates that the course is to be given on the West Campus or on the East Campus. The designation (w & E) indicates that the course will be given on each campus.

Odd-numbered courses are offered in the fall semester and even-numbered courses are offered in the spring semester. Double numbers indicate that the course is a year course and must be continued throughout the year if credit is received.

GENERAL ENGINEERING

1. Engineering Drawing.—Orthographic projection, lettering, pictorial representation, developments, intersections, use of universal drafting machine. Six laboratory hours. **2 s.h. (E)** STAFF

2. Engineering Drawing.—For students in civil engineering and forestry. Methods of plotting, topographic symbols, simple structures in wood and steel. Six laboratory hours. Prerequisite: course 1. **2 s.h. (E)** STAFF

4. Engineering Drawing.—For students in electrical and mechanical engineering. Elementary machine drawing. Six laboratory hours. Prerequisite: course 1. **2 s.h. (E)** STAFF

5-6. Descriptive Geometry.—Problems relating to point, line, plane, and solid. Concurrent with courses 1 and 2-4. No credit given unless taken for two semesters. One recitation, three laboratory hours. **2 s.h. (E)** STAFF

8. Mechanics.—Concurrent forces, parallel forces, non-concurrent and non-parallel forces, centroids, friction, moment of inertia, translation, rotation, work, energy, and momentum. Prerequisites: course 1 and Mathematics 55. **5 s.h. (E)** STAFF

107. Strength of Materials.—Elastic bodies under stress; flexure of simple, overhanging, fixed, and continuous beams; columns; combined stresses; etc. Three recitations, three laboratory hours. Prerequisite: course 8. **4 s.h. (E)** STAFF

108. Hydraulics.—Hydrostatics; flow of water through orifices, weirs, pipes, and open channels; general principles of water wheels and turbines. Prerequisite: course 8. **4 s.h. (E)** Either semester. STAFF

CIVIL ENGINEERING

PROFESSORS BIRD AND HALL; MR. LEWIS

10. Plane Surveying.—Use of instruments; transit, stadia, compass and plane table surveying; simple triangulation; determination of meridian by observation on Polaris; differential and profile leveling; setting grade stakes; calculation of bearings, latitudes, and departures; areas by planimeter;

methods of plotting; survey and plot of sections of the campus by stadia, and transit and tape. Eight hours a day, three weeks, Summer School. Prerequisite: course 1. Trigonometry. 3 s.h. (E)

For fee of this course, see the *Bulletin of the Summer School*.

PROFESSORS BIRD AND HALL; MR. LEWIS

11. Higher Surveying.—Care and adjustment of instruments; topographical surveying; surveys and resurveys; laying out and division of land; public land system; further calculations, omitted measurements, areas by double longitude; quantities from profiles and cross sections. Prerequisite: course 10. 2 s.h. (E)

PROFESSOR HALL

110. Plane Surveying.—Similar to course 10 but especially arranged for students in forestry. Eight hours a day, three weeks, Summer School. Prerequisites: Engineering Drawing and Trigonometry. 3 s.h.

PROFESSORS BIRD AND HALL; MR. LEWIS

111. Higher Surveying.—For students in forestry. In addition to the ground covered in course 11, the field work includes a more thorough drill in the use of the Beamman stadia arc and the topographic abney level and trailer tape while more attention is given to the preparation of finished maps in the office work. Eight hours a day three, weeks, Summer School. Prerequisite: course 10 or 110. 3 s.h.

PROFESSOR BIRD OR HALL

[Not offered in 1937]

112. Field Astronomy.—Determination of latitude, longitude, time, and azimuth by observation on sun and stars; use of precise transit, solar attachment, and sextant. Prerequisite: course 11. 2 s.h. (E)

PROFESSOR HALL

113-114. Curves and Earthwork.—Highways.—Thorough drill in the calculation and laying out of simple, compound, and easement curves, widening of curves, vertical curves, setting slope stakes, ordinary earthwork computations, and mass diagrams. Prerequisite: course 10. 4 s.h. (E)

PROFESSOR HALL

15. Highway Engineering.—Location, construction, and maintenance of roads and pavements; dust prevention; road economics. 3 s.h. (E)

PROFESSOR HALL

117. Highway Engineering.—Standard tests of stone, gravel, and bituminous materials. Prerequisite: course 115. 2 s.h. (E)

PROFESSOR HALL

118. Materials of Engineering.—Study and testing of materials other than those taken up in course 117. 2 or 3 s.h. (E)

PROFESSOR BIRD AND MR. LEWIS

119-120. Railroad Engineering.—Differences between highway and railway practice affecting curves and earthwork. A. R. E. A. transition curve, frogs, switches, and crossings. Preliminary and location survey of a railway of sufficient length to secure familiarity with methods of actual practice. Paper location made with estimate of cost. Construction and maintenance of track and trackwork, economics, and operating conditions affecting location. Prerequisite: course 113-114. 5 s.h. (E)

PROFESSOR BIRD

123-124. Hydraulic Engineering.—

(a) Hydrology—Factors affecting precipitation, evaporation from land and water surfaces; relation of precipitation to run-off; estimating run-off; floods and flood flows. Stream gauging.

(b) **Public Water Supply**.—Quantity and quality of water required, hydraulics of wells, reservoirs, works for purification and distribution of water. Standard laboratory tests for chemical and bacteriological examination of water.

(c) **Sewerage**.—Sewerage systems, rainfall and storm water flow, sizes of storm and sanitary sewers, sewage disposal. Standard laboratory tests of sewage. Prerequisite: course 108. 8 s.h. (E) PROFESSOR HALL

131. Steel Structures—Stresses.—Roofs, parallel chord bridges under all types of loads, inclined top chord bridges, including subdivided panels, wind bracing. Prerequisite: course 8. 4 s.h. (E) PROFESSOR BIRD

132. Steel Structures—Design.—Built beams, plate girders, tension members, compression members, tension and compression members, end posts, stringers, floor beams, pins, plates, etc. Drafting. Prerequisites: courses 107 and 131. 4 s.h. (E) PROFESSOR BIRD

133. Reinforced Concrete.—Theory and design of reinforced concrete beams, slabs, columns. Prerequisite: course 107. 3 s.h. (E) PROFESSOR BIRD

134. Masonry Structures.—Ordinary foundations, dams, retaining walls, arches, piers, abutments. Prerequisites: courses 107 and 133. 3 s.h. (E) PROFESSOR BIRD

137-138. Seminar.—Students are required to make reports and to talk on current engineering literature or on such other topics as may be assigned. 2 s.h. (E) PROFESSORS BIRD AND HALL

142. Engineering Geology.—An elementary course particularly arranged for civil engineering students. 3 s.h. (4)

E.240. Indeterminate Structures.—Introductory course dealing with the application of theory of least work, deflection, and rotation to indeterminate stresses. Problems are solved analytically, graphically, and by deformeter. Prerequisites: course 131 and ability to read French or German. 3 s.h. (E) PROFESSOR BIRD

143-144. Projects in Civil Engineering.—This course may be assigned by the Head of the Department to certain Seniors who have shown an aptitude for research in one distinct field of civil engineering, in which case it may be substituted for certain general civil engineering courses. 3 s.h. (E) Either semester. PROFESSORS BIRD AND HALL

ELECTRICAL ENGINEERING

PROFESSOR SEELEY; MESSRS. MEIER AND RANSON

51-52. Survey of Electrical Engineering.—A general survey course covering the entire field of electrical engineering, intended to give the electrical engineering student a general preview of the subject as a whole. Required of Sophomores. Prerequisites: Freshman mathematics and concurrent physics. 6 s.h. (E) MR. MEIER

151. Theory of Direct Current Circuits.—A course consisting of lectures and recitations covering the fundamental theory of direct current circuits. Two-hour class, two-hour computation. Prerequisites: course 91-92, Physics 57-58, Mathematics 55, 100. Mathematics 131 should be taken concurrently. 3 s.h. (E) MR. RANSON

152. Theory of Alternating Current Circuits.—This course covers the algebra of vectors and complex quantities, non-sinusoidal waves, polyphase circuits, harmonics, and unbalanced three-phase circuits. Two-hour class, two-hour computation. Prerequisites: course 151, Mathematics 131. 3 s.h. (E) MR. MEIER

153-154. Principles of Electrical Engineering.—An elementary course consisting of lectures, recitations, and laboratory covering the principles of direct and alternating current machinery, and their applications, designed especially for students in civil and mechanical engineering. This course includes one three-hour period in the electrical machinery laboratory per week. Prerequisite: Physics 57-58. 6 s.h. (E) MR. RANSON

155. Direct Current Machinery.—A study of the principles which underlie the design and operation of all types of direct current machinery. Prerequisites: courses 151, 161-162. 2 s.h. (E) MR. MEIER

156. Electric Transportation.—Construction, operation, and uses of electric equipment in air, land, and sea transportation. Elective. Prerequisites: courses 151, 152, 161-162, or 153-154. 3 s.h. (E) MR. RANSON

158. Electric-Power Stations.—A course of lectures and recitations pertaining to the design, construction, and operation of electric power stations, both steam and hydraulic. Consideration of prime movers; generating machinery; switchboards; instruments, relays, and protective devices; operation and management; visits to neighboring plants. Prerequisites: courses 151, 152, and 187-188. 3 s.h. (E) MR. RANSON

159. Electric-Power Transmission.—A course of lectures and recitations on the factors involved in the transmission of electrical energy over long distances and the use of hyperbolic functions in the solution of transmission line problems. Two-hour class, two-hour computation. Prerequisite: course 151, 152. 3 s.h. (E) PROFESSOR SEELEY

161-162. Electrical Circuits Laboratory.—This course provides experimental verification of the theory developed in courses 151 and 152, and should be taken concurrently. Three hours per week. 2 s.h. (E) PROFESSOR SEELEY

163. Direct Current Machinery Laboratory.—A study of the technique of testing direct current machines and a thorough analysis of their performance. Concurrent with course 155. 1 s.h. (E) MR. MEIER

165-166. Electrical Engineering Seminar.—Seniors are required to present reports and dissertations on material appearing in current engineering literature. Juniors may participate, but without credit. Scheduled at night. 2 s.h. (E) STAFF

257-258. Alternating Current Machinery.—This course covers the theory underlying the design, construction, and operation of synchronous generators and motors, transformers, converters, single-phase and polyphase motors of all types. Two-hour class, three-hour laboratory. Prerequisites: courses 152, 155. 6 s.h. (E) MR. MEIER

261. Communication Engineering, Audio Frequency.—An advanced course on the principles underlying voice-frequency communication covering nature of speech and sound, wave propagation over metallic circuits, filters; resistance, inductance, capacitance at audio frequencies; transmission characteristics of communication equipment. Two-hour class, three-hour laboratory. Prerequisites: courses 151, 152, Mathematics 131. 3 s.h. (E) PROFESSOR SEELEY AND MR. RANSON

262. Communication Engineering, Radio Frequency.—An advanced course on the principles underlying radio communication, covering vacuum tubes, vacuum-tube circuits, oscillating and coupled circuits, antennae, radiation, transmission and reception. Three-hour class, three-hour laboratory. Prerequisite: course 261. 4 s.h. (E) PROFESSOR SEELEY AND MR. RANSON

263-264. Mathematical Analysis of Electrical Circuits.—An advanced course on the detailed mathematical analysis of certain circuits used in electrical engineering, with an introduction to the use of operational calculus as applied to electrical circuits. Elective. Prerequisites: courses 151, 152 and Mathematics 131. 6 s.h. (E) PROFESSOR SEELEY

E.265-266. Projects in Electrical Engineering.—Project work may be undertaken only by those who show special aptitude, or who have had previous experience on some problem. The consent of the Chairman of the Department must be obtained before registering. Seniors only. Elective credit. 6 s.h. (E) PROFESSOR SEELEY AND STAFF

MECHANICAL ENGINEERING

ASSOCIATE PROFESSOR WILBUR; MESSRS. REED AND CHAPMAN

79-80. Constructive Processes.—Recitation course covering general processes in foundry, forge, and machine shop. Trips to neighboring shops are made. Prerequisite: course 4. Open only to mechanical engineering students. 2 s.h. (E) MR. CHAPMAN

81. Mechanism.—Displacement, velocity, and acceleration diagrams. Particular attention is given to gearing, cams, trains of mechanisms, belts, and link work. One recitation, three laboratory hours. Prerequisite: course 4. 2 s.h. (E) MR. REED

85. Steam Engineering.—Elementary principles of boilers, engines, turbines, and auxiliaries; properties of steam, fuels, and combustion. 2 s.h. (E) PROFESSOR WILBUR AND MR. CHAPMAN

170-171 (old 183-184). Machine Design.—Friction, lubrication, bearings, shafts, springs, pressure vessels, fastenings, gears, belting, friction clutches, and fly-wheels. Application of the above to proportioning parts of several complete machines. Two recitations, three laboratory hours. Prerequisites: courses 8, 81, and 107. 6 s.h. (E) MR. REED

187-188. Engineering Thermodynamics.—Properties and thermodynamics processes of gases and vapors; cycles; efficiencies and performances of heat engines. Prerequisites: course 85 and Mathematics 100. 6 s.h. (E) PROFESSOR WILBUR AND MR. REED

173-174. Seminar.—Students are required to make reports and to talk on current engineering literature or on such other topics as may be assigned. 2 s.h. (E) PROFESSOR WILBUR AND MR. REED

175-176. Projects in Mechanical Engineering.—This course may be assigned by the Chairman of the Department to certain Seniors who have shown an aptitude for research in one distinct field of mechanical engineering, in which case it may be substituted for certain general mechanical engineering courses. Either semester. 3 s.h. (E) PROFESSOR WILBUR

189-190. Junior Mechanical Engineering Laboratory.—Open only to mechanical engineering students. Use of steam and fuel calorimeters; gas analysis; oil testing; measurement of steam and air flow; tests on steam, oil, and internal combustion engines and boilers. Six laboratory hours. (Concurrent with 187-188.) 4 s.h. (E) MR. CHAPMAN

199-200. Junior Mechanical Engineering Laboratory.—Open only to civil and electrical engineering students who have elected courses 187-188. Use of steam and fuel calorimeters; gas analysis; measurement of steam and air flow; tests on steam engines and turbines, boilers and internal combustion engines. Three laboratory hours. 2 s.h. (E) MR. REED

191. Power Plant Calculations.—Factors which determine the location and type of power plant including heat balance and economics, boilers, feed water treatment, prime movers, condensers, auxiliaries, and accessories. Prerequisites: Mathematics 100 and courses 188 and 189. 3 s.h. (E)

PROFESSOR WILBUR

192. Industrial Engineering.—Economic and engineering factors in the development of power plants and other modern industrial organizations with the study of manufacturing methods. *For Seniors only.* 3 s.h.

PROFESSOR WILBUR

193-194. Senior Mechanical Engineering Laboratory.—Economy and efficiency tests of steam engines, turbines, boilers, power plant auxiliaries, fans, internal combustion engines, and heating and refrigerating systems according to the A. S. M. E. Power Test Codes. Heat balance and heat transfer tests. Six laboratory hours. Prerequisite: course 191 concurrently. 4 s.h. (E)

PROFESSOR WILBUR

195. Heating and Ventilating.—Heat losses from building; design of hot air, hot water, and steam heating systems; humidifying, air conditioning, and ventilation in homes, offices, and factory buildings. 2 s.h. (E)

MR. REED

196. Refrigeration.—Heat transfer and heat insulation; cooling and refrigerating systems applied to ice manufacturing and cold storage; dry ice and other refrigerants considered. Prerequisites: courses 188 and 190 or 200. 2 s.h. (E)

MR. REED

197. Internal Combustion Engines.—Otto and Diesel engine cycles as applied to the usual types of internal combustion engines using gaseous or liquid fuels. Analytical and graphical methods applied to fluctuations of energy, balancing of rotating parts, and regulation by governors. Prerequisite: course 187. 3 s.h. (E)

PROFESSOR WILBUR

198. Aeronautics.—Airfoils, parasite resistance, propellers, the complete airplane, stability, performance, dynamic loads, and equipment. Prerequisite: course 171. 3 s.h. (E)

MR. CHAPMAN

REQUIRED NON-ENGINEERING SUBJECTS

1-2. General Inorganic Chemistry.—Lectures, recitations, and laboratory work on the elementary principles of chemistry and on the occurrence, preparation, properties, and uses of the elements and their compounds. It is desirable, though not required, that students taking this course shall have taken elementary physics either in high school or in college. One lecture, two recitations, and three laboratory hours, throughout the year. 8 s.h. (W & E) STAFF

1-2. English Composition.—All Freshmen are required to take course 1 and course 2; however, those who earn a grade of "B" or more on the work of the first semester may in the spring substitute course 4 for course 2.

Students in courses 1 and 2 who fail to earn an average grade of "C" on the work of both semesters and at least a grade of "C" on the work of the spring term are required to do the work of English 53 during their Sophomore year. Those who do not earn a grade of "D" during the first semester are required to repeat during the spring course 1; if they earn a grade of "D" or more at the end of the spring semester, they receive credit

for the first half-year of work, and during their Sophomore year they are required to do the work of English 2. Students whose grades for both semesters fall below "D" must repeat the entire course during their second year. **6 s.h.** (E & W)

ASSOCIATE PROFESSOR MITCHELL; ASSISTANT PROFESSORS ANDERSON,
BLACKBURN, PATTON, SUGDEN, AND VANCE;
MR. FITZGERALD; MRS. WHITE

53. English Composition.—A second course in composition for Sophomores. **3 s.h.** *Repeated in the second semester.* (W & E)

ASSISTANT PROFESSOR JORDAN

9-10. Engineering Mathematics.—This course, given for Engineering Freshmen and other students who desire to take more than six hours of mathematics in their Freshman year, includes college algebra, plane trigonometry, and plane and solid analytic geometry. **10 s.h.** (E)

ASSISTANT PROFESSOR PATTERSON

11-12. Engineering Mathematics.—This course is given for Engineering Freshmen who do not qualify to take Mathematics 9-10. **10 s.h.** (E)

ASSISTANT PROFESSOR PATTERSON

55. Differential Calculus.—*Each semester.* Prerequisite: course 9-10, or 11-12, or equivalent. **4 s.h.** (W & E)

STAFF

100. Integral Calculus.—*Each semester.* Prerequisite: course 55. **4 s.h.** (W & E)

STAFF

131. Differential Equations.—A study of the more common types of ordinary differential equations. Primarily a problem course for engineers. Prerequisite: course 100. **3 s.h.** (W)

PROFESSOR ELLIOTT

57-58. Physics for Engineers.—A course in general physics which gives special emphasis to engineering problems. Open to Sophomores who have completed trigonometry. Four-hour recitation (E) and three-hour laboratory. **10 s.h.** (W)

DR. MOUZON, PROFESSOR HATLEY, AND ASSISTANTS

104. Electrical Measurements.—This course is intended as a general elective for students in electrical engineering and physics. A fundamental course in electrical engineering, or course 53 is a prerequisite. Two recitations and one three-hour laboratory period per week. **3 s.h.** (W)

PROFESSOR NIELSEN

RECOMMENDED ELECTIVE SUBJECTS

51-52. Principles of Economics.—This course must be taken by all students planning to elect further courses in economics and business administration. Old number 1. **6 s.h.** (W & E)

PROFESSOR HOOVER; ASSOCIATE PROFESSOR SPENGLER; DRS.
DELAFLANE, DE VYVER, NICHOL, AND SMITH; MESSRS.
BERRY, CARNEY, ECKARD, AND KEECH

103. Transportation.—Essential features, problems, and competitive positions of rail, highway, water, and air transportation. Special attention is devoted to valuation, rates, and regulation as applied to railway transportation. Collateral reading and the preparation of papers are required. *For Juniors and Seniors.* **3 s.h.** (W)

ASSISTANT PROFESSOR LANDON

105. Industrial Management and Business Forecasting.—A study of the organization and management of industry, with emphasis upon the business applications of the principles developed. Problems of interrelations of functions operating in the several fields of management, such as production control, personnel, and the forecasting of business conditions. *For Juniors.* **3 s.h.** (W)

MESSRS. BERRY, KEECH, AND LAYTON

115. Economic Geography.—*This course is not open to students who have received credit for Economics A.* The study of the interrelation of human activities and environmental elements. The discussion embraces location, maps and their interpretation, the major climatic regions, seasonal influences, weather, lands and their uses, soils and minerals, bodies of water, plants, animals, and the work of man as environmental factors. **3 s.h. (E)**

DR. LEMERT

57-58. First-Year Accounting.—Elementary principles of single proprietorship, partnership, and corporation accounting. Supervised laboratory periods will be assigned. Old number 7. **6 s.h. (w)**

ASSISTANT PROFESSOR SHIELDS; MESSRS. BLACK,
KEECH, LAYTON, AND DE VYVER

137-138. Business Statistics.—A year's course in elementary statistics designed principally for students of economics and business administration. The material is also of interest to those specializing in engineering, forestry, political science, sociology, and other subjects. The first term is devoted to a study of statistical methods; the second term, to application of these methods. Very little algebra and no higher mathematics are required. *For Juniors and Seniors.* **6 s.h. (w)**

DR. NICHOL

181-182. Business Law.—The fundamental principles of law as applied to common business transactions. The topics presented are: contracts, agency, bailments, sales, negotiable instruments, partnership, corporations, and bankruptcy. Textbook: Bays, *Business Law*. Casebook: Bays, *Cases on Commercial Law*. Required of Seniors in the Business Administration Group. Old number 178. **6 s.h. (w)**

MR. LAYTON

101-102. American Government and Politics.—A study of the American political system, the subject matter of which includes the organization and functioning of national, state, and local governments in the United States. Open to Sophomores by special permission. **6 s.h. (w & E)**

PROFESSORS WILSON AND RANKIN, AND MESSRS.
SIMPSON AND GIBSON

164. Railroad Legislation in the United States.—A study of powers, activities and the interrelationship of regulatory bodies, state and federal, as evidenced in legislation, administrative functioning and judicial interpretation. **3 s.h. (w)**

PROFESSOR WILSON

294. Municipal Government and Administration.—A study of the general problems related to the structural system and activities of municipalities in the United States. Special reference is made to the problems of municipal government in North Carolina. **3 s.h. (w)**

PROFESSOR RANKIN

Special permission of the instructors must be obtained before registering in courses 164 and 294.

151. Public Speaking.—A course in the fundamentals of public speaking with emphasis upon the effective presentation of ideas. **3 s.h. (w)**

ASSISTANT PROFESSOR HERRING AND MR. LEWIS

152. Argumentation.—A course dealing with the principles of argumentation and debating with special emphasis upon brief-making and practice-speaking. Public questions are studied as parallel work. **3 s.h. (w)**

ASSISTANT PROFESSOR HERRING AND MR. LEWIS

53. General Bacteriology.—Laboratory and lectures. **4 s.h. (w)**

PROFESSOR WOLF

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences and in history. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester, and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES

Matriculation, per semester.....	\$ 25.00
Tuition, per semester.....	100.00
Room-rent— <i>See the detailed statement that follows.</i>	
Athletic fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
Damage fee, payable annually at the time of first registration.....	1.00
Medical fee, per semester.....	5.00
Library fee, per semester.....	5.00
Commencement fee, payable annually at the beginning of the second semester	3.00
Publication fee:	
First semester	2.50
Second semester	3.00
Diploma fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00

LABORATORY AND MATERIALS FEES

Botany 1, 2, 52, 103, 154, 156, 202, 211, 212, 213, 214, 221, 223, 224, 254, and 256	\$2.50
Botany 51, 53, 151, 251, and 252.....	5.00
Botany 101, 102, 111, and 112.....	2.00
Botany 201	4.00
Chemistry 1, 2, 21, 30, 41, 261, 262, 215, 216, 231, 232, 240, and 260.....	7.00
Chemistry 151, 152, 241, 244, 253, 254, and 256.....	8.50
Education 1	1.00
Education 54, 58, 68, and 101.....	2.00
<i>(See note under history below.)</i>	
Education 115 and 116.....	7.50
Education 208 (for testing materials in lieu of text).....	2.50
Engineering	
Civil 10 and 110— <i>See Summer School Bulletin.</i>	
Civil 11, 107, 111, 112, 113, 114, 117, 118, 119, 123, 124, and 240.....	\$2.00
Electrical 151, 152, 153, 154, 155, 258, 261, and 262.....	2.00
Mechanical 79, 189, 190, 193, 194, 199, and 200.....	2.50
Forestry 154 and 254.....	2.50
History 91 and 92.....	3.00

No texts are required in these courses, but a fee of \$3.00 is charged, and books are placed in the Library for the use of those taking the courses. This fee is payable at the beginning of the semester and is collected through the office of the Treasurer of the University.

Physics, all courses.....	2.00
Zoology 1 and 2.....	3.50
Zoology 53, 151, 153, 156, and 321.....	5.00
Zoology, all other advanced laboratory courses.....	3.00

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a student are moderate; the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum of cost, while all charges made by the University have been kept low. Incidental expenses depend naturally upon the tastes and habits of the individual, but the actual necessary college expenses for one year, including board, room-rent, and such University fees as tuition, matriculation, commencement, library, damage, and medical, vary from \$574.50 to \$639.50. Books and laundry are not included in these figures.

The athletic and publication fees, also included in the above figures, while not essentially University fees, are at the request of the students collected by the Treasurer of the University as designated above. The proceeds of these fees are turned over to these distinct and separate student activities. The athletic fee entitling the holder to admission to all athletic contests held on the University grounds is collected from all regularly enrolled students. The publication fee pays for a blanket subscription to the semi-weekly student newspaper, the monthly student magazine, and the student yearbook. With all undergraduates this charge is compulsory, but in the case of graduate students it is optional.

DORMITORIES

The regular fee for room-rent in the Southgate Building, set aside for engineering students, is \$50.00 per semester (two in a room).

Rooms in Epworth Hall, East Campus, are open to men students for a rental of \$30.00 per student, per semester.

For cost of rooms in other dormitories and the regulations about rooms, consult the *Bulletin of Undergraduate Instruction*.

BOARDING ACCOMMODATIONS

It is the policy of the University to furnish board to its students at actual cost. Charges for board will not exceed \$25.00 per month.

LAWS REGULATING PAYMENTS

The Executive Committee of the Trustees of Duke University has enacted the following regulations, which govern the payment of all fees due the University:

1. The President and the Treasurer of the University have no authority to suspend, or in any way alter, these regulations.
2. Matriculation and tuition fees are never refunded.

3. Any student who has failed to pay his bills on the dates advertised in the catalogue is denied the right to attend classes until his account is settled in full.

4. No student is considered by the Faculty as an applicant for graduation until he has settled with the Treasurer for all of his indebtedness to the University.

5. No student who has not settled all his bills with the Treasurer of the University is allowed to stand the mid-year or final examinations of the academic year.

When a student wishes his bills sent to his parent or guardian, the student or his parent or guardian must so notify the Treasurer of the University in writing in due time, but this in no way releases the student from liability to established penalties if his bills are not paid on the dates advertised.

TRANSCRIPTS

Students desiring to transfer from Duke University to another institution are entitled to one transcript of their record. A charge of one dollar is made for each additional copy.

ENGINEERING ORGANIZATIONS AND FRATERNITIES

American Institute of Electrical Engineers; American Society of Civil Engineers; American Delta Epsilon Sigma (Honorary Engineering Fraternity); American Society of Mechanical Engineers; The Engineers' Club.

VOLUME 9

June, 1937

NUMBER 6

BULLETIN OF DUKE UNIVERSITY

Catalogue Number



1936-1937

ANNOUNCEMENTS FOR 1937-1938

PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

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For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

For BULLETIN OF THE DEPARTMENTS OF ENGINEERING, apply to *The Secretary*, Duke University, Durham, N. C.

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OF
DUKE UNIVERSITY



CATALOGUE NUMBER

1936-1937

ANNOUNCEMENTS FOR 1937-1938

DURHAM, NORTH CAROLINA

1937

TABLE OF CONTENTS

	PAGE
UNIVERSITY CALENDAR	5
HISTORY	9
GOVERNMENT	14
SABBATICAL LEAVE	18
GOVERNING BODIES AND OFFICERS	20
Executive Committee of the University	20
University Trustees	20
Endowment Trustees	21
Committees of University Trustees	21
OFFICERS OF ADMINISTRATION (Business and Instruction)	22
General Administration	22
Business Administration	22
Public Relations and Alumni Affairs	23
Educational Administration	23
Instructional Staff	24
Instructional Assistants	39
University Libraries	48
University Chapel	51
Physical Education and Student Health	51
Social and Musical Activities	51
UNDERGRADUATE INSTRUCTION:	
The Colleges	54
ADMISSION TO COLLEGE	55
REQUIREMENTS FOR DEGREES	58
Bachelor of Arts	58
General and Special Regulations	58
Groups of Studies	60
Bachelor of Science	67
General and Special Regulations	67
Groups of Studies	68
Bachelor of Science in Civil, Electrical or Mechanical Engineering ...	70
General Statement and Admission	70
Groups of Studies	71
COURSES OF INSTRUCTION	75
Botany	75
Chemistry	77
Economics and Business Administration	79
Education	81
Civil and Mechanical Engineering	85
Electrical Engineering	87
English	88
Fine Arts	90
Forestry	92
Geology	92

	PAGE
German Language and Literature	93
Greek	94
Health and Physical Education	96
History	98
Latin and Roman Studies	100
Law Courses for Academic Students	101
Mathematics	102
Music	104
Philosophy	104
Physics	107
Political Science	108
Psychology	109
Religion	111
Romance Languages	114
Sociology	116
Zoology	117
GENERAL REGULATIONS	119
UNIVERSITY LECTURES	126
ALUMNI ORGANIZATIONS	127
FEES AND EXPENSES	129
SCHOLARSHIPS, LOANS, AND EMPLOYMENT AID	135
HONORS AND PRIZES	139
STUDENT ORGANIZATIONS AND ACTIVITIES	141
THE GRADUATE SCHOOL OF ARTS AND SCIENCES	143
Requirements for Admission and Degrees	153
Courses of Instruction	157
Fees and Expenses	188
THE SCHOOL OF LAW	191
THE SCHOOL OF MEDICINE	209
THE SCHOOL OF NURSING	235
THE SCHOOL OF RELIGION	247
THE SUMMER SCHOOL, 1937	263
Duke University Summer School	273
Junaluska Summer School	290
DEGREES AND HONORS CONFERRED (1936)	296
DEGREES AND HONORS CONFERRED (1937)	305
ROLL OF STUDENTS (1936-1937)	315
Trinity College	315
The Woman's College	344
The Graduate School of Arts and Sciences	358
The School of Law	413
The School of Medicine	417
The School of Nursing	429
The School of Religion	430
SUMMARY	437
GIFTS AND BEQUESTS	439
INDEX	441

CALENDAR

1937

- June 9. Wednesday—Registration of students for Summer School, first term.
- June 10. Thursday—Instruction begins for Summer School, first term.
- July 1. Thursday—Registration of students for Summer School, middle term.
- July 2. Friday—Instruction begins for Summer School, middle term.
- July 5. Monday—Independence Day: a holiday.
- July 19-20. Monday, Tuesday—Final examinations for Summer School, first term.
- July 21. Wednesday—Registration of students for Summer School, last term.
- July 21. Wednesday, 2:30 P.M.—Instruction begins for Summer School, last term.
- Aug. 10-11. Tuesday, Wednesday—Final examinations for Summer School, middle term.
- Aug. 30-31. Monday, Tuesday—Final examinations for Summer School, last term.
- Sept. 16. Thursday, 9:00 A.M.—Dormitories open to Freshmen.
- Sept. 16. Thursday, 8:00 P.M.—Assembly for all entering Freshmen; Freshman Orientation Program begins.
- Sept. 18. Saturday, 4:00 P.M.—First regular meeting of the Council on Freshman Instruction.
- Sept. 21. Tuesday—Freshman instruction begins.
- Sept. 21. Tuesday—Registration and matriculation of new students with advanced standing.
- Sept. 22. Wednesday, 11:00 A.M.—Formal opening of the College; registration of matriculated students.
- Sept. 23. Thursday—Instruction for Sophomores, Juniors, and Seniors begins.
- Sept. 23-25. Thursday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-4:00 P.M.; Friday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-5:00 P.M.; Saturday, 9:00 A.M.-1:00 P.M.—Registration of graduate students.
- Nov. 11. Thursday—Armistice Day.
- Nov. 25. Thursday—Thanksgiving Day: a holiday.
- Dec. 11. Saturday—Duke University Day.
- Dec. 18. Saturday, 1:00 P.M.—Christmas recess begins.
- Jan. 3. Monday, 8:00 A.M.—Instruction is resumed.
- Jan. 20. Thursday—Mid-year examinations begin.

1938

- Jan. 31. Monday—Last day for matriculation for second semester.
- Feb. 1. Tuesday—Second semester begins.
- Feb. 22. Tuesday—Washington's Birthday.
- March 30. Wednesday, 1:00 P.M.—Spring vacation begins.
- April 6. Wednesday, 8:00 A.M.—Instruction is resumed.
- April 15. Friday—Last day for submitting orations for Wiley Gray Contest.
- April 30. Saturday—Last day for selection of courses for ensuing year.
- May 13. Thursday—Earliest date for beginning of Honors examinations.
- May 23. Monday—Final examinations begin.
- June 4. Saturday—Commencement opens; Senior Class Day; meeting of the Board of Trustees.
- June 5. Sunday—President's Address to Graduating Class; Commencement Sermon.
- June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

1937

JANUARY	APRIL	JULY	OCTOBER
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1938

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HISTORY

Duke University owes its existence to a charitable trust set up by James B. Duke by an Indenture dated December 11, 1924, and known as the Duke Endowment; to gifts made by him to the University in the succeeding year; and to bequests that came through his will at his death, October 10, 1925. It is built around Trinity College, which was brought to Durham and maintained there largely through the generosity of the Duke family.

Trinity College in its origins goes back to 1838. In that year the citizens of a rural community in the northwest section of Randolph County, North Carolina, established a school with Rev. Brantley York as principal. In 1839 this school was enlarged and named Union Institute. In 1841 it was incorporated by the following enactment of the Legislature of North Carolina:

*An Act to Incorporate Union Institute Academy:**

Be it enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, That Nathan Hunt, Joseph Mendenhall, Joseph Johnson, Lewis Leach, Jabez Leach, Martin W. Leach, and Ahi Robbins, and their successors, are hereby constituted a body corporate and politic to be known and distinguished by the name and style of the Trustees of the Union Institute Academy, and by that name shall have succession, and shall be able and capable in law to have, receive and possess, lands and tenements, goods and chattels, acquired by gift or otherwise, and use and apply the same according to the will of the donor, or dispose of the same when not forbidden by the terms of the gift. They may sue and be sued, plead and be impleaded in any Court of Justice, and shall have power to fill vacancies in their body, which may occur by death, resignation, or otherwise, establish such laws and regulations for the government of said Institution as they may deem necessary, not inconsistent with the laws of this State, and do and perform all such acts and things as are incident to, and usually exercised for, bodies politic, for the accomplishments of the object contemplated.

Ratified the 12th day of January, 1841.

In the year 1842 Braxton Craven became principal of the school. The growth and development of the school caused the Trustees to plan to put it in direct relation to the educational needs of the public schools of the State. Application was made to the Legislature of North Carolina for a new charter, and on January 28, 1851, Union Institute Academy was incorporated as Normal College by the following enactment:

*An Act to Incorporate Union Institute, in Randolph County, a Normal College:***

SECTION 1. Be it enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, That the present Trustees of "Union Institute," to-wit: M. W. Leach, Ahi Robbins, Joseph Johnson, James Leach, and C. M. Hines; together with Rev. B. Craven, of said Institute; Hon. A. H. Sheppard, of Salem; John A. Gilmer, Esq., of Greensboro; Col. Samuel Hargrave, of Lexington; J. L. Blackmer, Esq., of Salisbury; Rev. S. A. Andrews, of Greensboro; Dr. S. G. Coffin, of Jamestown; H. B. Elliott, Esq., of Randolph; J. W. Thomas, Esq., of Davidson; John B. Troy, of Randolph; J. P. H. Russ, of Randolph; Eli Russell, of Montgomery, and Gen. J. M. Leach, of Lexington; and their successors be, and they are hereby declared, a body politic and corporate, to be known and distinguished by the name and style of the "Normal College," and by that name shall have a perpetual succession, and a common seal, and be able and capable in law, of holding lands, tenements and chattels, sufficient for the uses and purposes of said College, and of suing and being sued, and of pleading and being impleaded.

SEC. 2. Be it further enacted, That said Trustees shall have the power to fix the time of holding the annual and other meetings, and to prescribe the manner in which vacancies in their body may be filled, five Trustees being a quorum to do business.

* Laws of North Carolina, 1840-1843.

** Laws of 1850-1851, chapter 20, page 56.

SEC. 3. Be it further enacted, That the said College shall be under the supervision, management and government of a President and such other persons as said Trustees may appoint; the said President, with the advice of the other persons so appointed, shall from time to time make all needful rules and regulations for the internal government of said College, and fix the number and compensations of teachers to be employed therein, to prescribe the preliminary examinations and the terms and conditions on which pupils shall be received and instructed, and the number of pupils to be received from the respective counties.

SEC. 4. Be it further enacted, That said Trustees shall have power to make such rules, regulations and by-laws, not inconsistent with the Constitution of the United States and of this State as may be necessary for the good government of said College, and the management of the property and funds of the same.

SEC. 5. Be it further enacted, That when any pupil shall have sustained a satisfactory examination on the studies, or course of studies, prescribed by the Faculty and Trustees of said College, such person shall be deemed qualified to teach common schools and may receive a certificate, signed by the President and at least seven Trustees, which certificate shall be sufficient evidence of ability to teach in any of the common schools in this State, without any reexamination of the county committees; and where county certificates are now required before paying out the public funds, the certificate of the Normal College shall answer in lieu thereof.

SEC. 6. Be it further enacted, That the whole College course shall be divided into four classes or degrees, styled first, second, third and fourth, and students shall be ranked accordingly.

SEC. 7. Be it further enacted, That all pupils entering said College shall first sign a declaration, in a book to be kept by the President for that purpose, as follows: "We, the subscribers, hereby declare that it is our intention to devote ourselves to the business of teaching common schools in the State of North Carolina, and that our sole object in resorting to this Normal College is the better to prepare ourselves for that important duty," which declaration it shall be the duty of the President to explain to the pupils before they sign the same.

Ratified 28th January, 1851.

On November 21, 1852, the Legislature ratified amendments to the charter of 1851 including changes and additions as follows:

*An Act to Amend an Act, Entitled "An Act to Incorporate Union Institute, in Randolph County, Normal College".**

SECTION 1. Be it enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, That J. C. Dobbin, John A. Gilmer, W. H. Washington, A. H. Sheppard, H. B. Elliott, J. M. Leach, Joseph Johnson, S. G. Coffin, A. S. Andrews, Joseph B. Cherry, N. W. Woodfin, B. Craven, James Leach, Calvin Graves, Ahi Robbins, John B. Troy, Robert Strange, John W. Thomas, Samuel Hargrave, J. P. H. Russ, M. W. Leach, W. L. Steele, R. M. Saunders, W. B. Lane, G. W. Caldwell, C. H. Wiley, Jabez Leach, John A. Lillington, J. T. Morehead, Thales McDonald, R. C. Puryear, S. P. Hill, Alexander Gray, James M. Garrett, and Edward Ogburn and their successors be, and they are hereby declared, a body politic and corporate, to be known and distinguished by the name and style of "The Trustees of Normal College," and by that name and style shall have a perpetual succession and a common seal, and be able and capable in law of holding lands, tenements and chattels for the uses and purposes of said College; and of suing and being sued, and of pleading and being impleaded.

SEC. 2. Be it further enacted, That the Governor of the State shall be *ex-officio* President of the Board of Trustees, and that the common school superintendent, should such an officer exist, shall be *ex-officio* Secretary of the Board, and that all vacancies in the Board shall be filled by a majority of the Trustees of said College.

SEC. 3. Be it further enacted, That the Trustees shall have power of appointing an Executive Committee, to consist of seven members, which committee shall control the internal regulations of said College, and fix all salaries and emoluments, and of doing all other things necessary for an institution of learning not inconsistent with the laws of this State and of the United States.

SEC. 4. . . . They shall also have power to grant such degrees and marks of honors as are given by Colleges and Universities generally.

SEC. 5. Be it further enacted, That the Secretary of the Board of Trustees shall, within ten days after the meeting of each [Legislature] make a full report of the condition and operations of said Normal College, and the general character of Normal instruction; also, the condition and progress of Normal schools generally, together with all other information deemed important in the education of teachers, giving also the names and residences of all who have been authorized to teach.

SEC. 6. Be it further enacted, That the President and Directors of the literary fund are hereby directed to loan to the Trustees of Normal College, the sum of ten thousand dollars out of any moneys not otherwise appropriated, at six per cent interest, to be paid semi-annually, upon said Trustees giving bond and good security for the same.

* Laws of 1852-1853, chapter 88, page 161.

Under the amended charter authorizing the institution to confer degrees, two students were graduated on July 28, 1853, with the degree of Bachelor of Arts.

In the year of 1853-1854 a larger building was erected by means of money lent by the State of North Carolina under the authority granted in the amended charter. In November, 1856, the Trustees of Normal College authorized President Craven to propose to the North Carolina Conference of the Methodist Episcopal Church, South, that the institution be placed under the ownership and control of that body. The Conference passed the following resolution:

1. That the Conference authorize and request the Board of Trustees of Normal College to raise by donations twenty thousand dollars.
2. That all lands and property belonging to the College be conveyed to the Board of Trustees in trust for the North Carolina Conference.
3. That the Conference fill all vacancies in the Board.
4. That the Conference appoint a visiting committee, which committee shall have equal power with the Board as to the internal regulations and operations of the College.

Within the following two years the Trustees arranged to meet all the conditions stipulated; the North Carolina Conference of the Methodist Episcopal Church, South, in consequence, became invested with the complete ownership and control of the College.

On February 16, 1859, the charter was amended and the name of the institution changed to Trinity College by the following enactment of the Legislature of North Carolina:

*An Act to Amend the Charter of Normal College:**

SECTION 1. Be it enacted by the General Assembly of the State of North Carolina and it is hereby enacted by the authority of the same. That the corporation established by an act passed in 1852, and known by the style and title of the "Trustees of Normal College," be and the same is hereby changed to Trinity College; and said corporation shall henceforth, by the name and style of Trinity College, hold and use all the authority, privileges, possessions and liabilities it had under the former title and name.

SEC. 2. Be it further enacted, That the estate, real and personal, received and controlled by the Trustees of Trinity College, shall be for the uses and purposes of a literary institution for the North Carolina Conference of the Methodist Episcopal Church, South.

SEC. 3. Be it further enacted, That all vacancies in the Board of Trustees shall be filled by said North Carolina Conference: *Provided, however,* That no person shall be elected a Trustee till he has first been recommended by a majority of the Trustees present at a regular meeting; and the Trustees shall have power to remove any member of their body who may remove beyond the boundaries of the State, or who may refuse or neglect to discharge the duties of a Trustee.

SEC. 4. Be it further enacted, That the Faculty and Trustees shall have the power of conferring such degrees and marks of honor as are conferred by colleges and universities generally; and that five Trustees shall be a quorum to transact business.

SEC. 5. Be it further enacted, That no person shall keep, maintain, or have at Trinity College, or within two miles thereof, any tippling-house establishment, or place for the sale of wine, cordials, spirituous or malt liquors; nor shall any person in the State, without a written permission from the Faculty, sell, or offer to sell, give or deliver to any student of Trinity College, or to any other person, any wine, cordials, spirituous or malt liquors for the purpose of being used, or with a knowledge that the same will be used at said College, or within two miles thereof, by any student.

SEC. 6. Be it further enacted, That no person shall set up, keep or maintain at Trinity College, (or) within two miles thereof, any public billiard table, or other table of any kind at which games of chance or skill, by whatever name called, may be played; and that no person, without written permission from the Faculty, shall within the same limits exhibit any theatrical, sleight-of-hand, natural or artificial curiosities, or any concert, serenade, or performance in music, singing or dancing.

SEC. 7. Be it further enacted, That sections second, fourth and fifth of the charter passed in 1852, are hereby repealed, and that all acts and laws coming within the meaning and purview of this present act are hereby repealed.

Ratified the.....day of.....1859.

During the Civil War the College shared the common fate of Southern colleges. President Craven resigned in 1863, and Professor William T. Ganaway was elected his successor. In October, 1865, Dr. Craven was re-elected to the presidency; however, the work of the College, which had been

* Laws of 1858-1859, chapter 85, page 81.

suspended in April of that year, was not resumed till January, 1866. Dr. Craven remained president of the College till his death, November 7, 1882. Professor William Howell Pegram was then elected chairman of the Faculty. He served till the close of the academic year, June, 1883.

Reverend Marquis L. Wood was elected president in 1883; he resigned in December, 1884, when Professor John F. Heitman was elected chairman of the Faculty. John Franklin Crowell was chosen president of the College in April, 1887.

President Crowell conceived the idea of enlarging the scope of college work and of removing Trinity College to a city. The Board of Trustees on May 7, 1889, passed the following resolutions:

Resolved (1). That after mature and prayerful consideration, we believe it best for the interest of Methodism in North Carolina, and the cause of God, to move Trinity College to some prominent center within this State: *Provided*, There shall be tendered to this Board a proper guarantee of a suitable site, with buildings on it, of at least equal value, and as well suited for the uses of the College as those on the present site.

Resolved (2). That a committee of five be appointed to carry out the true intent of the above resolution, and report to the next annual meeting of the Board of Trustees.

At a meeting of the Trustees held in Greensboro, N. C., November 30, 1889, the following resolutions were adopted:

Resolved (1). That the Board of Trustees of Trinity College accept the offer of the citizens of Raleigh to erect a college building on the site designated, said building to be according to the plans and specifications mentioned in their offer.

Resolved (2). That we recommend the N. C. Annual Conference of the M. E. Church, South, to authorize the removal of Trinity College in accordance with the above and former resolutions passed by this Board.

Resolved (3). That the grounds and buildings now owned and used at Trinity College be held by the same Board of Trustees to be used as an academical department to prepare students for the college classes.

In accordance with these resolutions, through President Crowell, the Conference was asked at its session in Greensboro, December, 1889, to grant permission to remove the College to the City of Raleigh. The Conference took the following action:

Resolved, That the Board of Trustees of Trinity College be and is hereby authorized and directed to move Trinity College to the City of Raleigh, when the citizens of said city shall have erected on the site designated and known as the Boylan lot, the building proposed and agreed to be built by them *Provided*, That before said college is moved, as aforesaid, there shall be made, executed and delivered to said Trustees a good and sufficient deed in fee simple with proper covenants of warranty and seizin, conveying the lot and site designated to said Trustees and their successors in office, for the use and benefit of the North Carolina Conference, Methodist Episcopal Church, South, as it now exists, and for the use and the benefit of such Conferences, as may be hereafter created by the Methodist Episcopal Church, South, out of any territory within the State of North Carolina.

Sometime after this action of the Conference, Mr. Washington Duke and other citizens of Durham, N. C., made a proposition to the Trustees to locate the College in Durham, and this proposition was accepted. On January 21, 1891, the Legislature of North Carolina issued the following charter:

An Act to Amend the Charter of Trinity College:

The General Assembly of North Carolina do enact:

SECTION 1. That the Trustees of Trinity College are authorized and empowered to remove the operations and exercises of said College, and to locate the buildings deemed necessary by them for the purpose of the College, at or near the town of Durham, North Carolina. They may, if they so elect, establish and maintain in connection with said College institutions of primary and intermediate education at the present site of the College in Randolph County, and at such other points as they may now or hereafter determine, for the purpose of preparing students for admission to a collegiate course. The management of such auxiliary and subordinate high schools and academies shall be vested in the said Board of Trustees, who are authorized to make by-laws and regulations for them, as well as for the College proper.

SEC. 2. That the Trustees of Trinity College are authorized to receive and hold by gift, devise or purchase, property, real and personal, to be held for the use of said College and its dependent schools or for the use of either or both (as may be designated in the conveyance or will), (to a value not exceeding in the aggregate sum three millions of dollars).

SEC. 3. That the Trustees shall be thirty-six in number, of whom twelve shall be elected by the North Carolina Conference of M. E. Church, South, twelve by the W. N. C. Conference of said church, and twelve by graduates of said College. The term of office of Trustees shall be six years, and they shall be so arranged that four Trustees shall be elected by each Conference and four by the graduates every two years. The Trustees shall regulate by by-laws the manner of election of the Trustees to be chosen by the graduates. Should there exist a vacancy by death, resignation, or otherwise, of any Trustee, the same shall be filled for the unexpired term by the Board of Trustees. The terms of the Trustees now in office shall expire January first, one thousand eight hundred and ninety-two. At the first election held under this amendment to the Charter, the body of graduates and each of the Conferences shall respectively elect four Trustees for the term of two years; in like manner each of said constituencies shall elect four Trustees for the term of four years, and in like manner each shall elect four Trustees for the term of six years.

In September, 1892, the College opened its first session in the new plant located at Durham. In May, 1894, President Crowell resigned, and on August 1, 1894, Reverend John C. Kilgo was elected his successor. In May, 1897, the Trustees authorized the admission of women as students to all departments of the College.

On account of the fact that the fundamental laws under which the College was managed were contained in an original charter and in several amendments, it was deemed best by the Board of Trustees, in June, 1902, to appoint a committee to make an application to the Legislature for a new charter, which should unify and harmonize the provisions of the existing legislation. On February 28, 1903, the Legislature of North Carolina granted the new charter which is identical with the charter as found on pages 17-18, except that the corporate name of the institution is changed to Duke University and the corporation is given perpetual existence; an amendment enacted by the General Assembly of North Carolina, January 19, 1911, having already stricken out the limitations set in former charters to the amount of property the College might hold.

Having been elected a bishop of the Methodist Episcopal Church, South, President Kilgo resigned in June, 1910. William Preston Few was elected to succeed him and was formally inaugurated November 9, 1910.

On December 29, 1924, the Board of Trustees of Trinity College met to consider the Indenture of Trust executed by Mr. James B. Duke, December 11, 1924. The Board voted unanimously to accept the provisions of the Indenture in so far as it affected Duke University, and authorized the necessary steps to be taken whereby, on December 30, 1924, a charter for the University was granted. (The charter follows closely that of Trinity College and is printed on pp. 17-18.)

GOVERNMENT

1. THE INDENTURE OF TRUST BY WHICH THE UNIVERSITY WAS CREATED

Among the provisions of Mr. Duke's Indenture of Trust was an educational institution to be known as Duke University, as respects which the Indenture contains the following provisions, and these provisions apply also to gifts made by Mr. Duke the year before he died and to bequests that came to the University at his death or that have come since:

I. (In Article FOURTH) The Trustees hereunder are hereby authorized and directed to expend as soon as reasonably may be not exceeding Six Million Dollars of the corpus of this trust in establishing at a location to be selected by them within the State of North Carolina an institution of learning to be known as Duke University, for such purpose to acquire such lands and erect and equip thereon such buildings according to such plans as the Trustees may in their judgment deem necessary and adopt and approve for the purpose, to cause to be formed under the laws of such state as the Trustees may select for the purpose a corporation adequately empowered to own and operate such properties under the name of Duke University as an institution of learning according to the true intent hereof, and to convey to such corporation when formed the said lands, buildings and equipment upon such terms and conditions as that such corporation may use the same only for such purposes of such university and upon the same ceasing to be so used then the same shall forthwith revert and belong to the Trustees of this trust as and become a part of the corpus of this trust for all of the purposes thereof.

However, should the name of Trinity College, located at Durham, North Carolina, a body politic and incorporate, within three months from the date hereof (or such further time as the Trustees hereof may allow) be changed to Duke University, then, in lieu of the foregoing provisions of this division "FOURTH" of this Indenture, as a memorial to his father, Washington Duke, who spent his life in Durham and whose gifts, together with those of Benjamin N. Duke, the brother of the party of the first part, and of other members of the Duke family, have so largely contributed toward making possible Trinity College at that place, he directs that the Trustees shall expend of the corpus of this trust as soon as reasonably may be a sum not exceeding Six Million Dollars in expanding and extending said University, acquiring and improving such lands, and erecting, removing, remodeling and equipping such buildings, according to such plans, as the Trustees may adopt and approve for such purpose to the end that said Duke University may eventually include Trinity College as its undergraduate department for men, a School of Religious Training, a School for Training Teachers, a School of Chemistry, a Law School, a Co-ordinate College for Women, a School of Business Administration, a Graduate School of Arts and Sciences, a Medical School and an Engineering School, as and when funds are available.

II. (In Article FIFTH) Thirty-two per cent of said net amount not retained as aforesaid for addition to the corpus of this trust shall be paid to that Duke University for which expenditures of the corpus of the trust shall have been made by the Trustees under the "Fourth" division of this Indenture so long as its name shall be Duke University and it shall not be operated for private gain, to be utilized by its Board of Trustees in defraying its administration and operating expenses, increasing and improving its facil-

ities and equipment, the erection and enlargement of buildings and the acquisition of additional acreage for it, adding to its endowment, or in such other manner for it as the Board of Trustees of said institution may from time to time deem to be to its best interests, provided that in case such institution shall incur any expense or liability beyond provision already in sight to meet same, or in the judgment of the Trustees under this Indenture be not operated in a manner calculated to achieve the results intended hereby the Trustees under this Indenture may withhold the whole or any part of such percentage from said institution so long as such character of expense or liabilities or operation shall continue, such amounts so withheld to be in whole or in part either accumulated and applied to the purposes of such University in any future year or years, or utilized for the other objects of this Indenture, or added to the corpus of this trust for the purpose of increasing the principal of the trust estate, as the Trustees may determine.

III. (In Article SEVENTH) I have selected Duke University as one of the principal objects of this trust because I recognize that education, when conducted along sane and practical, as opposed to dogmatic and theoretical lines, is next to religion, the greatest civilizing influence. I request that this institution secure for its officers, trustees and faculty, men of such outstanding character, ability, and vision as will insure its attaining and maintaining a place of real leadership in the educational world, and that great care and discrimination be exercised in admitting as students only those whose previous record shows a character, determination, and application evincing a wholesome and real ambition for life. And I advise that the courses at this institution be arranged, first, with special reference to the training of preachers, teachers, lawyers and physicians, because these are most in the public eye, and by precept and example can do most to uplift mankind, and second, to instruction in chemistry, economics and history, especially the lives of the great of earth, because I believe that such subjects will most help to develop our resources, increase our wisdom and promote human happiness.

IV. (In Article THIRD) As respects any year or years and any purpose or purposes for which this trust is created (except the payments hereinafter directed to be made to Duke University) the Trustees in their uncontrolled discretion may withhold the whole or any part of said incomes, revenues and profits which would otherwise be distributed under the "Fifth" division hereof, and either (1) accumulate the whole or any part of the amount so withheld for expenditures (which the Trustees are hereby authorized to make thereof) for the same purpose in any future year or years, or (2) add the whole or any part of the amounts so withheld to the corpus of the trust, or (3) pay, apply and distribute the whole or any part of said amounts to and for the benefit of any one or more of the other purposes of this trust, or (4) pay, apply and distribute the whole or any part of said amounts to or for the benefit of any such like charitable, religious or educational purpose within the State of North Carolina or the State of South Carolina, or any such like charitable hospital purpose which shall be selected therefor by the affirmative vote of three-fourths of the then Trustees at any meeting of the Trustees called for the purpose, complete authority and discretion in and for such selection and utilization being hereby given the Trustees in the premises.

2. THE CHARTER OF THE UNIVERSITY

SECTION 1. That A. P. Tyer, J. H. Southgate, B. N. Duke, G. A. Oglesby, V. Ballard, J. A. Long, J. F. Bruton, J. N. Cole, F. A. Bishop, J. G. Brown, C. W. Toms, J. W. Alspaugh, W. R. Odell, J. A. Gray, F. Stikeleather, Kope Elias, S. B. Turrentine, P. H. Hanes, T. F. Marr, G. W. Flowers, M. A. Smith, R. H. Parker, W. J. Montgomery, F. M. Simmons, O. W. Carr, R. A. Mayer, N. M. Jurney, Dred Peacock, B. B. Nicholson, W. G. Bradshaw, E. T. White, T. N. Ivey, J. B. Hurley, R. L. Durham, W. C. Wilson, and

their associates and successors shall be, and continue as they have been, a body politic and corporate under the name and style of DUKE UNIVERSITY, and under such name and style shall have perpetual existence and are hereby invested with all the property and rights of property which now belong to the said corporation, and said corporation shall henceforth and perpetually, by the name and style of DUKE UNIVERSITY, hold and use all the authority, privileges, and possessions it had or exercised under any former title and name, and be subject to all recognized legal liabilities and obligations now outstanding against said corporation.

SEC. 2. That such corporation is authorized to receive and hold by gift, devise, purchase or otherwise, property, real and personal, to be held for the use of said University and its dependent schools or for the use of either or both (as may be designated in the conveyance or will).

SEC. 3. That the Trustees shall be thirty-six in number, of whom twelve shall be elected by the North Carolina Conference of the M. E. Church, South; twelve by the W. N. C. Conference of the said church; and twelve by the graduates of said University; *Provided, however*, That no person shall be elected a Trustee till he has first been recommended by a majority of the Trustees present at a regular meeting; and the Trustees shall have power to remove any member of their body who may remove beyond the boundary of the State or who may refuse or neglect to discharge the duties of a Trustee. The term of office of Trustees shall be six years, and they shall be so arranged that four Trustees shall be elected by each Conference and four by the graduates every two years. The Trustees shall regulate by by-laws the manner of election of the Trustees to be chosen by the graduates. Should there exist a vacancy by death, resignation, or otherwise of any Trustee, the same shall be filled for the unexpired term by the Board of Trustees. That the present Trustees shall continue and remain in office during the term for which they have been heretofore respectively elected.

SEC. 4. That the said corporation shall be under the supervision, management and government of a president and such other persons as said Trustees may appoint; the said president, with the advice of the other persons so appointed, shall from time to time make all needful rules and regulations for the internal government of said University and prescribe the preliminary examinations, and the terms and conditions on which pupils shall be received and instructed.

SEC. 5. That said Trustees shall have power to make such rules, regulations, and by-laws not inconsistent with the Constitution of the United States and of this State, as may be necessary for the good government of said University and the management of the property and funds of the same.

SEC. 6. That the Trustees shall have power to fix the time of holding their annual and other meetings, to elect a president and professors for said University, to appoint an executive committee to consist of seven members, which committee shall control the internal regulations of said University and fix all salaries and emoluments, and to do all other things necessary for an institution of learning not inconsistent with the laws of this State and of the United States.

SEC. 7. That the Faculty and Trustees shall have the power of conferring such degrees and marks of honor as are conferred by colleges and universities generally; and that five Trustees shall be a quorum to transact business.

SEC. 8. That all laws and parts of laws or of the charter heretofore granted which are in conflict with this act are hereby repealed.

SEC. 9. That this act shall be in force from and after its ratification and acceptance by the Board of Trustees.

3. THE BY-LAWS OF THE UNIVERSITY

1. **AIMS OF THE UNIVERSITY.** The aims of Duke University are to assert a faith in the eternal union of knowledge and religion set forth in the teachings and character of Jesus Christ, the son of God; to advance learning in all lines of truth; to defend scholarship against all false notions and ideals; to develop a Christian love of freedom and truth; to promote a sincere spirit of tolerance; to discourage all partisan and sectarian strife; and to render the largest permanent service to the individual, the state, the nation, and the church. Unto these ends shall the affairs of this University always be administered.

2. **THE UNIVERSITY TRUSTEES.** The Alumni Trustees, nominated by the Board as provided for in the charter, are elected by the Alumni Association. The officers of the Board are chairman, vice-chairman, and recording secretary. The chairman calls to order and presides at all meetings of the Board, calls extraordinary meetings when, in his judgment, such meetings may be necessary, and represents the Trustees at public meetings of the University. He is ex-officio member of the Executive Committee. In the absence of the chairman the vice-chairman calls to order and presides over meetings of the Board, but does not perform any of the other duties of the chairman unless ordered to do so by the Board of the Executive Committee. The recording secretary records the minutes of all the meetings, does the correspondence, and is the custodian of the records and other documents that may belong to the Board.

3. **THE EXECUTIVE COMMITTEE.** The Executive Committee consists of seven members, three of them from the University Trustees, including the chairman ex-officio, three from the Endowment Trustees, and the President of the University ex-officio. It performs the duties set out for it in the charter—namely, controls the internal regulations of the University and fixes all salaries and emoluments. The Committee is furthermore authorized to appoint officers and teachers of the University subject to the approval of the University Trustees; and the annual budget is made by the Executive Committee with the advice of the Endowment Trustees. The Committee is elected by the University Trustees, three of them on nomination of the Endowment Trustees, and the Committee elects its own officers. It meets once a month and oftener when necessary. The Committee through its chairman makes annually a report to the University Trustees.

4. **OFFICERS OF THE UNIVERSITY.** The officers of the University are a president, three vice-presidents, a treasurer, a dean of the University, and such other deans as may be needed, a recording dean or registrar, and a secretary who is also secretary of the faculty. Whenever it may seem wise more than one of these offices may be held by one man.

President. The President of the University calls, and presides at, all the meetings of the Faculties, sees that the laws and regulations of the Executive Committee and the Trustees affecting the administration and work of the University are carried out, appoints all committees of the Faculties and has direction of the discipline and work of the University. He has the authority to veto any action of the Faculties, when, in his judgment, such action is not in harmony with the aims and laws of the University, or when he may deem such action as unwise. However, in every instance he shall submit to the Faculty in writing his reasons for setting aside their action, and the secretary of the Faculty shall record his reasons in the record book of the Faculty. The President makes an annual report to the Board of the work, conditions, and needs of the University, and of other matters that may be of concern to it or to the cause of higher education. He nominates all members of the Faculties, and represents them at all public meetings of the University. He is an ex-officio member of the Executive Committee; and acts as the medium of communication between the University Trustees and the Endowment Trustees.

Vice-Presidents. The three Vice-Presidents of the University have supervision of the work of the University in the divisions of (a) business, (b) education, and (c) student life. In the absence of the President, Vice-Presidents in the order of official seniority may perform such duties of the President as may demand immediate attention.

Treasurer. The Vice-President in the Business Division and Treasurer has the custody of all the property of the University; that is, he has the primary responsibility for all collections and disbursements, for all securities and financial records, and for the care of the entire physical plant. He is required to make monthly reports to the Executive Committee and annual reports to the Trustees concerning his accounts and the property in his charge. It shall be the duty of the Treasurer to nominate to the Executive Committee an assistant treasurer and other assistants in sufficient number to do well the duties of his office. All officers entrusted with property belonging to the University are required to keep records of the same, and these records are at all times subject to the inspection of the Treasurer. The Treasurer and his assistants shall be required to give bond, joint or several, in an amount not less than \$50,000 for the faithful performance of their duties.

5. **FACULTIES.** The General Faculty of the University is composed of professors, associate professors, and assistant professors who have been elected to membership in the Faculty. Concerning questions that do not lie exclusively in the field of any one Faculty and questions of University educational policy this Faculty has the right to enact such regulations as it may deem necessary to carry on the instruction, advance the standard of work, and otherwise develop the scholarly aims of the University. The General Faculty recommends to the University Trustees such persons as it deems fit to receive academic degrees or other marks of academic distinction. The Colleges, and the graduate and professional schools have their own faculties, each with its dean and other appropriate officers elected by the Executive Committee with the approval of the University Trustees, and each is authorized to perform any educational functions that lie in its field. Actions of all the Faculties are subject to the approval of the President of the University.

6. **ACADEMIC YEAR.** The academic year begins on the morning of the Wednesday following September 15. The annual Commencement comes in the week including the first Sunday in June. The Christmas recess begins at 1:00 P.M., December 20 (or December 19 if December 20 falls on Sunday), and ends at 8:20 A.M., January 3 (or January 4 if January 3 falls on Sunday). The spring recess begins at 1:00 P.M. of the Wednesday in March nearest to March 31, and ends at 8:20 A.M., the following Wednesday. Thanksgiving Day and February 22 are holidays.

7. **TENURE OF OFFICE.** Teachers of all ranks are subject to removal by the Executive Committee, with the approval of the University Trustees, for misconduct or neglect of duty. Teachers may be elected for terms of one, two, three or four years; or teachers with the rank of professor may be elected without time-limit. Administrative officers are usually elected without time-limit, but the Executive Committee, with the approval of the University Trustees, may remove any officer of the University whenever, in their opinion, he is not properly performing the duties of his office.

8. The by-laws may be amended at any regular meeting of the University Trustees by the affirmative vote of two-thirds of the full membership of the Board, provided that the proposed amendment is submitted through the Secretary of the Board to the members at least twenty days before the meeting.

SABBATICAL LEAVE

Sabbatical leave of absence for members of the General Faculty is granted under regulations adopted by the Executive Committee of the Trustees on March 28, 1923, revised in 1928, partly in abeyance in the year 1933-34 and

the succeeding three years, and restored in the year 1937-38. The conditions on which sabbatical leave of absence is granted are set forth below.

1. Every member of the General Faculty (composed of professors, associate professors, and assistant professors) is entitled to sabbatical leave after six years in the service of the University. Such leave may be taken for a full year at half salary or a half year at full salary.

2. In order to obtain a sabbatical leave written notice of the intention to take such a leave must be filed with the President of the University by November fifteenth of the academic year preceding the one in which the leave is to take effect.

3. If in exceptional cases it should develop that the granting of leave to an applicant during the year for which application is made would raise very serious difficulties detrimental to the best interests of the applicant's department or school, or to the interests of the institution as a whole; or because of questions concerning the applicant's period of service prior to the leave, the President shall appoint a committee which shall have power to decide the question of granting the sabbatical leave for the particular year under consideration. This committee shall consist of five members as follows: two members of the general faculty appointed yearly by the President, the Treasurer of the University, the Dean of the school or college of which the applicant is a member, the chairman of the applicant's department, or should no such chairman exist another member of the applicant's department.

4. If this committee should decide against the granting of a sabbatical leave for the year for which the applicant applied, the applicant would be eligible for sabbatical leave the following year or any year thereafter upon making application in due form as above.

5. After September 1, 1928, if a member of the faculty on becoming eligible for sabbatical leave does not for personal reasons apply for such leave, he does not forfeit the right to such leave, and he may count the additional years of service prior to his leave toward the six years of service necessary before he can apply for a subsequent leave. If in an exceptional case an applicant for personal reasons applies for a sabbatical leave to be effective in advance of his regular year and such leave is granted, he shall not be eligible for a subsequent leave until he has served six years plus the number of years by which this leave is advanced.

6. On recommendation of the committee after leave of absence has been granted it may be postponed for urgent reasons and under conditions to be determined by the committee.

7. All those cases which have occurred in the past or which may occur in the future in which leave of absence is granted under conditions where the absentee receives full pay for a half year or half pay or more for a full year's leave of absence shall be considered as regular sabbatical leave under these regulations.

8. These revised regulations became effective as of September 1, 1928, and sabbatical leaves under such regulations began with the academic year 1929-30. The regulations were partly in abeyance in 1933-34, 1934-35, 1935-36, and 1936-37. The restoration of the regulations begins with the academic year 1937-38. The four years, 1933-34, 1934-35, 1935-36, and 1936-37, may not count toward the six years of service necessary before application can be made for leave of absence. In all cases in which special arrangements have been made for the granting of sabbatical leave (as described in condition No. 7) during the period of partial abeyance of the plan, the next six years of service shall be counted as beginning with the academic year 1937-38. All other members of the General Faculty who apply for sabbatical leave may count the years of service they had to their credit at the beginning of the academic year 1933-34.

GOVERNING BODIES AND OFFICERS

EXECUTIVE COMMITTEE OF THE UNIVERSITY

(Consisting of three members from the University Trustees, three from the Endowment Trustees, and the President of the University.)

	Year of Election		
J. F. BRUTON, Chairman.....	1918.....	Wilson,	N. C.
G. G. ALLEN.....	1923.....	New York,	N. Y.
W. P. FEW.....	1910.....	Durham,	N. C.
M. E. NEWSOM.....	1917.....	Durham,	N. C.
W. N. REYNOLDS.....	1933.....	Winston-Salem,	N. C.
J. H. SEPARK.....	1929.....	Gastonia,	N. C.
W. R. PERKINS.....	1937.....	New York,	N. Y.
R. L. FLOWERS, Recording Secretary.....	1923.....	Durham,	N. C.

UNIVERSITY TRUSTEES

Term Expires December 31, 1937

R. L. FLOWERS, Recording Secretary.....	1927.....	Durham,	N. C.
G. G. ALLEN.....	1923.....	New York,	N. Y.
J. H. BARNHARDT.....	1918.....	Raleigh,	N. C.
JAMES A. BELL.....	1920.....	Charlotte,	N. C.
R. G. CHERRY.....	1934.....	Gastonia,	N. C.
THOMAS M. GRANT.....	1933.....	New Bern,	N. C.
J. R. SMITH.....	1934.....	Mount Airy,	N. C.
J. P. FRIZZELLE.....	1937.....	Snow Hill,	N. C.

FROM THE ALUMNI

W. W. FLOWERS.....	1925.....	New York,	N. Y.
J. B. HURLEY.....	1896.....	Lexington,	N. C.
C. F. LAMBETH.....	1915.....	Thomasville,	N. C.
C. K. PROCTOR.....	1935.....	Oxford,	N. C.

Term Expires December 31, 1939

M. E. NEWSOM.....	1917.....	Durham,	N. C.
W. R. ODELL.....	1888.....	Concord,	N. C.
J. A. THOMAS.....	1936.....	White Plains,	N. Y.
W. W. PEELE.....	1921.....	Charlotte,	N. C.
W. R. PERKINS.....	1924.....	New York,	N. Y.
D. C. ROPER.....	1929.....	Washington,	D. C.
F. M. WEAVER.....	1909.....	Asheville,	N. C.
B. S. WOMBLE.....	1915.....	Winston-Salem,	N. C.

FROM THE ALUMNI

H. R. DWIRE, Ass't. Rec. Secretary.....	1931.....	Durham,	N. C.
R. A. MAYER.....	1897.....	Charlotte,	N. C.
F. M. SIMMONS.....	1892.....	New Bern,	N. C.
W. A. STANBURY.....	1933.....	Greensboro,	N. C.

Term Expires December 31, 1941

	Year of Election		
J. F. BRUTON, Chairman.....	1900.....	Wilson,	N. C.
T. F. MARR, Vice-Chairman.....	1900.....	Brevard,	N. C.
D. S. ELIAS.....	1929.....	Asheville,	N. C.
P. H. HANES.....	1912.....	Winston-Salem,	N. C.
J. L. HORNE, JR.....	1934.....	Rocky Mount,	N. C.
J. A. LONG.....	1915.....	Roxboro,	N. C.
S. B. TURRENTINE.....	1893.....	Greensboro,	N. C.
EARLE W. WEBB.....	1933.....	New York,	N. Y.

FROM THE ALUMNI

S. S. ALDERMAN.....	1934.....	Washington,	D. C.
W. N. REYNOLDS.....	1927.....	Winston-Salem,	N. C.
J. H. SPARK.....	1916.....	Gastonia,	N. C.
WILLIS SMITH.....	1929.....	Raleigh,	N. C.

ENDOWMENT TRUSTEES

MRS. J. B. DUKE.....	1924.....	New York,	N. Y.
G. G. ALLEN, Chairman.....	1924.....	New York,	N. Y.
W. R. PERKINS, Vice-Chairman.....	1924.....	New York,	N. Y.
E. C. MARSHALL, Assistant Secretary.....	1924.....	Charlotte,	N. C.
N. A. COCKE, Vice-Chairman.....	1924.....	Charlotte,	N. C.
C. I. BURKHOLDER.....	1924.....	Charlotte,	N. C.
B. E. GEER.....	1924.....	Greenville,	S. C.
A. H. SANDS, JR., Secretary.....	1924.....	New York,	N. Y.
W. C. PARKER, Treasurer.....	1924.....	New York,	N. Y.
W. B. BELL.....	1924.....	New York,	N. Y.
W. S. RANKIN.....	1925.....	Charlotte,	N. C.
R. L. FLOWERS.....	1926.....	Durham,	N. C.
W. N. REYNOLDS.....	1931.....	Winston-Salem,	N. C.
W. S. O'B. ROBINSON, JR.....	1932.....	Charlotte,	N. C.
MRS. DORIS DUKE CROMWELL.....	1933.....	New York,	N. Y.

COMMITTEES OF THE UNIVERSITY TRUSTEES

Buildings and Grounds: J. R. SMITH, CHERRY, BARNHARDT.

Business Administration of the University: ODELL, LONG, ELIAS.

Colleges: ALDERMAN, ROPER, HORNE.

Forestry: DWIRE, W. W. FLOWERS, NEWSOM.

Graduate School: WEBB, TURRENTINE, SIMMONS, R. L. FLOWERS.

Law School: WILLIS SMITH, WOMBLE, BELL, FRIZZELLE.

Library: STANBURY, HANES, LAMBETH, WEAVER.

Medical School and Hospital: THOMAS, MAYER, PROCTOR.

School of Religion: PEELE, GRANT, HURLEY, MARR.

OFFICERS OF ADMINISTRATION

GENERAL ADMINISTRATION

FEW, WILLIAM PRESTON, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D. <i>President</i>	West Campus
FLOWERS, ROBERT LEE, A.M., LL.D. <i>Vice-President in the Business Division, Secretary and Treasurer</i>	West Campus
WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D. <i>Vice-President in the Educational Division and Dean of the University</i>	West Campus
BROWN, FRANK CLYDE, A.B., A.M., Ph.D. <i>Comptroller</i>	410 Buchanan Road

BUSINESS ADMINISTRATION

FLOWERS, ROBERT LEE, A.M., LL.D. <i>Secretary and Treasurer</i>	West Campus
MARKHAM, CHARLES BLACKWELL, A.B., A.M. <i>Assistant Treasurer</i>	204 Dillard Street
JORDAN, CHARLES EDWARD, A.B. <i>Assistant Secretary</i>	813 Vickers Avenue
DOOLEY, NELL, R.N. <i>Dietitian, the Union</i>	Faculty Apartments, East Campus
HENRICKSEN, GERHARD CHESTER, A.B., A.M., C.P.A. <i>Auditor</i>	Forest Hills
*HUNT, SAMUEL ROBERT <i>Superintendent of Buildings and Grounds</i>	817 Fourth Street
MARTIN, LILLY SLADE, MRS. <i>Supervisor of Dormitories</i>	1506 Club Boulevard
MOORE, JOHN MEREDITH, A.B. <i>Manager, the Duke University Stores</i>	1028 Monmouth Avenue
ROBERSON, HELEN, MRS. <i>Dietitian, the Union</i>	East Campus
SAWYER, OTIS, A.B. <i>Purchasing Agent, Duke University</i>	2010 Club Boulevard
SPRAGUE, GERTRUDE, MRS. <i>Dietitian, Southgate Hall</i>	Southgate Hall
THOMPSON, JAMES EDWARD <i>Manager, the Duke University Dining Halls</i>	504 East Forest Hills Boulevard
TYREE, WILLIAM ALLEN, A.B. <i>Director in the Business Division</i>	610 Buchanan Road
WHITFORD, WILLIAM EDWARD, A.B. <i>Director in the Business Division</i>	No. 8, Bickett Apartments, Gregson Street
WHITTED, WALTER LEWIS <i>Bookkeeper</i>	1204 College Road

* Deceased Jan. 4, 1937.

PUBLIC RELATIONS AND ALUMNI AFFAIRS

- DWIRE, HENRY RUDOLPH, A.B., A.M.
Director of Public Relations and Alumni Affairs Washington Duke Hotel
- ALDRIDGE, ELIZABETH, A.B.
Assistant Director in Charge of Records and Alumnae Activities East Campus
- DUKES, CHARLES AUBREY, A.B.
Assistant Director, Public Relations 1109 Eighth Street
- JACKSON, DAVID KELLY, A.B., A.M.
Assistant to the Editor, Duke University Press 1104 Watts Street
- MANN, GLENN EDWARD, A.B.
Manager Athletics Division, the News Service 1405 Oakland Avenue
- RIVERA, RODOLFO OSVALDO, A.B., A.M., Ph.D.
Executive Secretary, Duke University Press 1114 Eighth Street
- SIMPSON, JAMES ROBERT, A.B. Johnson Apartments, Watts Street
Assistant Director in Charge of Alumni Activities
- WILKINSON, ALBERT ALEXANDER
Director, the News Service 1113 Alabama Avenue
-

EDUCATIONAL ADMINISTRATION

- WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D.
Dean of the University and of Trinity College West Campus
- BALDWIN, ALICE MARY, A.B., A.M., Ph.D.
Dean of the Woman's College East Campus
- GREENE, WALTER KIRKLAND, A.B., A.M., Ph.D.
Dean of Undergraduate Instruction West Campus
- HERRING, HERBERT JAMES, A.B., A.M.
Dean of Men, Trinity College Erwin Apartments, Buchanan Road
- MANCHESTER, ALAN KREBS, A.B., A.M., Ph.D.
Dean of Freshmen, Trinity College Myrtle Drive, West Campus
- SMITH, RUTH SLACK, MRS., A.B., A.M.
Associate Dean of Undergraduate Instruction, Woman's College
 Faculty Apartments, East Campus
- ANDERSON, ELIZABETH, A.B., A.M. 301 Erwin Apartments
Assistant Dean in Charge of Freshmen of the Woman's College
Secretary of the Committee on Admissions of the Woman's College
- PICKETT, ANNIE CALDWELL, MRS., A.B.
Recorder, Trinity College 1700 Duke University Road
- COLEMAN, MARGARET, A.B., A.M.
Recorder, Trinity College 918 Urban Avenue
- SEABOLT, LOUISE, A.B., A.M.
Recorder, Woman's College 114 Faculty Apartments, East Campus

GLASSON, WILLIAM HENRY, Ph.B., Ph.D. <i>Dean of the Graduate School of Arts and Sciences</i>	710 Buchanan Road
HORACK, HUGO CLAUDE, Ph.B., LL.B. <i>Dean of the School of Law</i>	West Campus
KENDALL, HELEN MILDRED, A.B. <i>Registrar, School of Law</i>	1013 Dacian Avenue
HOLTON, HOLLAND, A.B., J.D. <i>Director of the Summer School</i>	809 Watts Street
RUSSELL, ELBERT, A.B., A.M., Ph.D. <i>Dean of the School of Religion</i>	811 Vickers Avenue
GARBER, PAUL NEFF, A.B., A.M., Ph.D. <i>Registrar of the School of Religion</i>	West Campus
DAVISON, WILBURT CORNELL, A.B., B.A., B.Sc., A.M., D.Sc., M.D. <i>Dean of the School of Medicine</i>	Hope Valley
STOCKSDALE, HELEN I. <i>Recorder, School of Medicine</i>	203 Watts Street
BAKER, BESSIE, R.N., B.S. <i>Dean of the School of Nursing</i>	Nurses' Home
KORSTIAN, CLARENCE FERDINAND, B.S.F., M.F., M.A., Ph.D. <i>Director of the Duke Forest</i>	908 West Markham Avenue
MAUGHAN, WILLIAM, B.S., M.F. <i>Assistant Director of the Duke Forest</i>	2307 Club Boulevard
WILSON, MARY GRACE, A.B. <i>Dean of Residence, Woman's College, Head of Brown House</i>	Brown House
HUCKABEE, ELLEN HARRIS, A.B., A.M. <i>Assistant Dean of Residence, Woman's College, Head of Pegram House</i>	

INSTRUCTIONAL STAFF

This alphabetical list includes all members of the various faculties of the University. The date denotes the first year of service.

*ADAMS, DONALD KEITH, (1931) A.B., M.A., Ph.D. <i>Assistant Professor of Psychology</i>	Cornwallis Road
ADDOMS, RUTH MARGERY, (1930) B.A., M.A., Ph.D. <i>Assistant Professor of Botany</i>	214 Faculty Apartments, East Campus
ALDRIDGE, FRED SOULE, (1922) A.B., A.M. <i>Assistant Professor of Mathematics</i>	East Campus
ALTVATER, F. VERNON, (1930) A.B., A.M. <i>Associate in Hospital Administration</i>	1736 Forest Hills Boulevard, W.
ALVEA, EDWIN PASCAL, (1930) S.B., M.D. <i>Associate Professor of Surgery in Charge of Urology</i>	Hope Valley
**ANDERSON, ANDREW RUNNI, (1929) A.B., Ph.D. <i>Professor of Latin</i>	2404 Club Boulevard
ANDERSON, CHARLES ROBERTS, (1930) A.B., A.M., Ph.D. <i>Assistant Professor of English</i>	516 Carolina Circle

* Absent on leave, 1937-1938.

** Deceased July 8, 1936.

- ANDERSON, LEWIS EDWARD, (1936) B.S., A.M., Ph.D.
Instructor in Botany 708 Buchanan Boulevard
- ANDERSON, WILLIAM BANKS, (1930) A.B., M.D.
Associate Professor of Surgery in Charge of Ophthalmology
 10 Beverly Apartments
- ARENA, JAY MORRIS, (1933) B.S., M.D.
Associate in Pediatrics Vineyard Street
- ATWOOD, THEODORE W., (1934) A.B., D.M.D.
Associate in Dentistry Allenton Apartments
- AVILÉS, LUIS, JR., (1935) A.B., A.M., Ph.D.
Instructor in Romance Languages 1405 Alabama Avenue
- BAKER, BESSIE, (1930) B.S., R.N.
Dean of the School of Nursing and
Professor of Nursing Education Nurses Home
- BAKER, LENOX DIAL, (1937) M.D.
Instructor in Orthopedics
- BAKER, ROGER DENIO, (1930) A.B., M.D.
Assistant Professor of Pathology 1111 Watts Street
- BALDWIN, ALICE MARY, (1923) A.B., A.M., Ph.D.
Associate Professor of History East Campus
- BAUM, PAUL FRANKLIN, (1922) A.B., A.M., Ph.D.
Professor of English 103 Faculty Apartments, East Campus
- BEARD, JOSEPH W., (1937) A.B., M.D.
Assistant Professor of Experimental Surgery Duke Hospital
- BERNHEIM, FREDERICK, (1930) A.B., Ph.D.
Associate Professor of Physiology and Pharmacology
 Woodridge Drive, Rockwood
- BERNHEIM, MARY LILAS CHRISTIAN, MRS., (1930) B.A., M.A., Ph.D.
Assistant Professor of Biochemistry Woodridge Drive, Rockwood
- BERRY, EDWARD WILLARD, (1936) A.B., Ph.D.
Assistant Professor of Geology 1003 Gregson Street
- BERRY, THOMAS SENIOR, (1935) S.B., M.A.
Instructor in Economics Vineyard Street
- BIGELOW, LUCIUS AURELIUS, (1929) S.B., Ph.D.
Associate Professor of Chemistry Pinecrest Road
- BIRD, HAROLD CRUSIUS, (1926) Ph.B., C.E.
Professor of Civil Engineering 1209 Virginia Avenue
- BLACK, MARTIN LEE, JR., (1930) A.B., M.B.A., C.P.A.
Assistant Professor of Accounting Pinecrest Road
- *BLACKBURN, WILLIAM MAXWELL, (1926) A.B., B.A., M.A.
Assistant Professor of English 1028 Gloria Avenue
- BLOMQUIST, HUGO LEANDER, (1920) B.S., Ph.D.
Professor of Botany 922 Demarius Street
- BOLICH, WILLIAM BRYAN, (1927) A.B., B.A., M.A., B.C.L.
Professor of Law Hope Valley

* Absent on leave, 1937-1938.

- BONNER, LYMAN GAYLORD, (1937) A.B., Ph.D.
Instructor in Physics
- BOOKHOUT, CAZLYN GREEN, (1935) A.B., A.M., Ph.D.
Instructor in Zoology Bickett Apartments, Gregson Street
- BOYD, WILLIAM KENNETH, (1906), A.B., A.M., Ph.D.
Professor of History Hope Valley
- BRADFORD, WILLIAM ZIEGLER, (1934) B.S., M.D.
Director, Outside Obstetric Service Duke Hospital and Charlotte, N. C.
- BRADWAY, JOHN SAEGER, (1931) A.B., A.M., LL.B.
Professor of Law 111 Briarcliff Road
- *BRANSCOMB, BENNETT HARVIE, (1925) A.B., B.A., M.A., Ph.D.
Professor of New Testament Language and Literature
Chelsea Circle, Hope Valley
- BRIDGERS, FURMAN ANDERSON, (1926) A.B., A.M.
Assistant Professor of Romance Languages 1325 Arnette Avenue
- BROADHEAD, EDWARD HALL, (1933) A.B., A.M.
Instructor in Music 1001 Watts Street
- BROWN, FRANCES, (1931) A.B., Ph.D.
Instructor in Chemistry No. 10, Powe Apartments, Buchanan Road
- BROWN, FRANK CLYDE, (1909) A.B., A.M., Ph.D.
Professor of English 410 Buchanan Road
- BROWNELL, WILLIAM ARTHUR, (1930) A.B., A.M., Ph.D.
Professor of Educational Psychology Hope Valley
- BRYSON, THADDEUS DILLARD, (1928)
Professor of Law Hope Valley
- CALLAWAY, JASPER LAMAR, (1937) M.D.
Instructor in Medicine, Dermatology and Syphilology Duke Hospital
- CANNON, JAMES, III, (1919) A.B., A.M., Th.B., Th.M.
Ivèy Professor of History of Religion and Missions
Chelsea Circle, Hope Valley
- CARLITZ, LEONARD, (1932) A.B., Ph.D.
Associate Professor of Mathematics 1410 College Road
- CARPENTER, DAVID WILLIAMS, (1929) A.B., M.A., Ph.D.
Assistant Professor of Physics Pinecrest Road
- CARR, JOHN WINDER, JR., (1926) A.B., A.M., Ph.D.
Associate Professor of Education 926 Monmouth Avenue
- CARROLL, EBER MALCOLM, (1923) A.B., A.M., Ph.D.
Professor of History 113 Faculty Apartments
- CARTER, BAYARD, (1931) A.B., B.A., M.A. M.D.
Professor of Obstetrics and Gynecology Myrtle Drive, West Campus
- CAVERS, DAVID FARQUHAR, (1931) B.S., LL.B.
Professor of Law 414 Carolina Circle
- CHAPMAN, ROBERT G., (1936) B.S. in M.E., M.M.E.
Instructor in Mechanical Engineering Pickett Road

* Absent on leave, 1937-1938.

- CHILDS, BENJAMIN GUY, (1924) A.B., A.M.
Professor of Education 1019 West Markham Avenue
- CLARK, KENNETH WILLIS, (1931) A.B., B.D., Ph.D.
Assistant Professor of New Testament Language and Literature
 11 Bickett Apartments, Gregson Street
- CLYDE, PAUL HIBBERT, (1937) A.B., A.M., Ph.D.
Associate Professor of History
- COILE, THEODORE STANLEY, (1935) B.S.F., M.F.
Assistant Professor of Forestry 302 Erwin Apartments
- COLE, ROBERT TAYLOR, (1935) A.B., A.M., Ph.D.
Associate Professor of Political Science 512 Watts Street
- CONANT, NORMAN FRANCIS, (1935) B.S., A.M., Ph.D.
Associate in Bacteriology and Mycology Francis Street
- CONSTANT, FRANK WOODBRIDGE, (1930) B.S. Ph.D.
Assistant Professor of Physics 1607 Hermitage Court
- COOLIDGE, THOMAS BUCKINGHAM, (1935) B.A., M.D.
Instructor in Biochemistry 1107 Watts Street
- COWPER, FREDERICK AUGUSTUS GRANT, (1918) A.B., A.M., Ph.D.
Professor of Romance Languages 1017 Dacian Avenue
- *CRANFORD, WILLIAM IVEY, (1891) A.B., Ph.D.
Carr Professor of Philosophy 708 Buchanan Road
- CRISPELL, RAYMOND (1933) A.B., M.D.
Associate Professor of Medicine in Charge of Neuropsychiatry
 Myrtle Drive, West Campus
- CRUM, MASON, (1930) A.B., A.M., Ph.D.
Assistant Professor of Biblical Literature 1308 College Road
- CUNNINGHAM, BERT, (1916) B.S., M.S., A.M., Ph.D.
Professor of Biology 1200 College Road
- DANIEL, WALTER EUGENE, (1936) B.A., M.D.
Instructor in Urology Duke Hospital
- DANN, WILLIAM JOHN, (1935) B.S., Ph.D.
Assistant Professor of Physiology and Nutrition Hope Valley
- DAVIS, GIFFORD (1930) A.B., A.M., Ph.D.
Assistant Professor of Romance Languages Nation Avenue
- DAVISON, WILBURT CORNELL, (1927) A.B., B.A., B.Sc., M.A., D.Sc., M.D.
Professor of Pediatrics Hope Valley
- DELAPLANE, WALTER HAROLD, (1934) A.B., A.M., Ph.D.
Instructor in Economics Legion Avenue, Tuscaloosa Forest
- DERIEUX, GEORGE HENRY (1933) B.S., M.D.
Instructor in Obstetrics and Gynecology Duke Hospital
- DE VYVER, FRANK TRAVER, (1935) A.B., A.M., Ph.D.
Assistant Professor of Economics 214 Swift Avenue

* Deceased Aug. 31, 1936.

- DICK, MACDONALD, (1932) B.A., M.A., M.D.
Associate in Medicine, Physiology and Pharmacology 1011 Monmouth Avenue
- DOW, NEAL, (1934) A.B. A.M.
Instructor in Romance Languages 205 Forest Wood Drive
- DRESSSEL, FRANCIS GEORGE, (1929) B.S., M.S., Ph.D.
Instructor in Mathematics Vineyard Street
- EADIE, GEORGE SHARP, (1930) M.A., M.B., Ph.D.
Professor of Physiology and Pharmacology Hope Valley
- EAGLE, WATT WEEMS, (1930) A.B., M.D.
Associate Professor of Surgery in Charge of Otolaryngology 804 Anderson Street
- EASLEY, HOWARD, (1930) A.B., M.A., Ph.D.
Assistant Professor of Education Legion Avenue, Tuscaloosa Forest
- EDWARDS, CHARLES WILLIAM, (1898) A.B., A.M., M.S.
Professor of Physics 406 Buchanan Road
- EITEMAN, WILFORD J., (1937) A.B., A.M., Ph.D.
Assistant Professor of Economics
- ELLIOTT, WILLIAM WHITFIELD, (1925) B.A., M.A., Ph.D.
Professor of Mathematics 1404 Arnette Avenue
- ELLWOOD, CHARLES ABRAM, (1930) Ph.B., Ph.D., LL.D.
Professor of Sociology Pinecrest Road
- EVERETT, JOHN WENDELL (1932) A.B., Ph.D.
Associate in Anatomy Woodridge Drive
- FINKELSTEIN, HAROLD, (1931) B.S., M.D.
Associate in Surgery Washington Duke Hotel
- FITZGERALD, WILLIAM STONE, (1935) A.B., A.M.
Instructor in English 1018 Monmouth Avenue
- FORBUS, WILEY DAVIS, (1930) A.B., M.D.
Professor of Pathology Hope Valley
- *FULLER, LON, (1931) A.B., J.D.
Professor of Law Hope Valley
- GARBER, PAUL NEFF, (1924) A.B., A.M., Ph.D.
Professor of Church History Myrtle Drive, West Campus
- GARDINER, ANN HENSHAW, (1930) R.N., B.S., M.S.
Associate Professor of Nursing Education Nurses Home
- GARDNER, CLARENCE ELLSWORTH, JR., (1930) A.B., M.D.
Assistant Professor of Surgery Apt. 4, 813 Second Street
- GATES, ARTHUR MATHEWS, (1909) A.B., A.M., Ph.D.
Assistant Professor of Latin 1030 W. Trinity Avenue
- GERGEN, JOHN J., (1936) A.B., M.A., Ph.D.
Associate Professor of Mathematics 1012 Trinity Avenue
- GIBSON, WILLIAM MARION, (1934) A.B., A.M., Ph.D.
Instructor in Political Science 1111 Oval Drive

* Absent on leave, second semester, 1937-1938.

GILBERT, ALLAN, (1920) B.A., A.M., Ph.D. <i>Professor of English</i>	516 Carolina Circle
GILBERT, KATHERINE EVERETT, (1930) A.B., A.M., Ph.D. <i>Professor of Philosophy</i>	516 Carolina Circle
GLASSON, WILLIAM HENRY (1902) Ph.B., Ph.D. <i>Professor of Political Economy and Social Science</i>	710 Buchanan Road
*GODARD, JAMES MCFATE, (1932) A.B., A.M. <i>Instructor (Part Time) in Education</i>	1214 Sixth Street
GOHDES, CLARENCE, (1930) A.B., A.M., Ph.D. <i>Associate Professor of English</i>	1104 Watts Street
GRAVES, ROBERT WILLIAMS, (1936) B.S., M.A., M.D. <i>Instructor in Anatomy and Medicine</i>	Pickett Road
GRAY, IRVING EMERY (1930) B.S., M.S., Ph.D., <i>Associate Professor of Zoology</i>	114 Acadia Street
GREENE, WALTER KIRKLAND, (1928) A.B., A.M., Ph.D. <i>Professor of English</i>	Myrtle Drive, West Campus
GREENWOOD, JOSEPH, (1930) A.B., A.M., Ph.D. <i>Instructor in Mathematics</i>	Nation Avenue
**GROSS, PAUL MAGNUS, (1919) B.S., A.M., Ph.D. <i>William Howell Pegram Professor of Chemistry</i>	Hope Valley
GROUT, JULIA REBECCA, (1924) A.B., M.S. <i>Director of Physical Education, Woman's College</i>	104 Faculty Apartments
HALL, FRANK GREGORY, (1926) A.B., A.M., Ph.D. <i>Professor of Zoology</i>	911 Markham Avenue
HALL, LOUISE, (1931) B.A., S.B. in Architecture, Brevet d'Art de la Sorbonne <i>Assistant Professor of Fine Arts</i>	204 Faculty Apartments
HALL, WILLIAM HOLLAND, (1915) A.B., A.M., B.C.E. M.S.C.E. <i>Professor of Engineering</i>	111 Watts Street
HAMBLÉN, EDWIN CROWELL, (1931) B.S., M.D. <i>Associate Professor of Obstetrics and Gynecology</i>	814 Forest Hill Road
***HAMILTON, EARL JEFFERSON, (1927) B.S., A.M., Ph.D. <i>Professor of Economics</i>	1015 Demerius Street
HANES, FREDERIC MOIR, (1931) A.B. A.M., M.D. <i>Florence McAlister Professor of Medicine</i>	2127 Myrtle Drive, West Campus
HANSEN-PRÜSS, OSCAR CARL EDWARD, (1930) A.B., M.D. <i>Associate Professor of Medicine</i>	3 Surry Road, Hope Valley
HARGITT, GEORGE THOMAS, (1930) Ph.B., A.M., Ph.D. <i>Professor of Zoology</i>	811 Watts Street
HARRAR, ELLWOOD SCOTT, (1936) B.S., M.S. Ph.D. <i>Associate Professor of Forestry</i>	905 Englewood Avenue

* Resigned Aug. 10, 1936.

** Absent on leave, first semester, 1937-1938.

*** Absent on leave, 1937-1938.

- HARRIS, JEROME SYLVAN, (1937) A.B., M.D.
Instructor in Pediatrics and Biochemistry Duke Hospital
- HARRISON, EDWARD K., (1935) A.B., M.D.
Instructor in Roentgenology Duke Hospital
- HART, DERYL, (1930) A.B., A.M., M.D.
Professor of Surgery Duke University Road and Highway 751
- HARWELL, GEORGE CORBIN, (1935) A.B., A.M.
Instructor in English No. 8, Aycock Apartments, Dacian Avenue
- HASBROUCK, FRANCIS MAHLN, (1935) A.B., Ph.D.
Instructor in Romance Languages 418 Carolina Circle
- HATLEY, CHARLES CLEVELAND, (1917) A.B., A.M., Ph.D.
Professor of Physics 708 Buchanan Road
- HAUSER, CHARLES ROY, (1929) B.S., M.S., Ph.D.
Assistant Professor of Chemistry 1020 Rose Hill
- HEINITSH, GEORGE, (1932) B.S., M.D.
Instructor in Otolaryngology and Ophthalmology Duke Hospital
- HERRING, HERBERT JAMES, (1924) A.B., A.M.
Assistant Professor of Public Speaking 101 Erwin Apartments
- HETHERINGTON, DUNCAN CHARTERIS, (1930) A.B., M.A., Ph.D., M.D.
Associate Professor of Anatomy Hope Valley
- *HICKMAN, FRANKLIN SIMPSON, (1927) A.B., A.M., S.T.B., Ph.D.
Professor of Psychology of Religion 823 Buchanan Road
- HICKSON, ARTHUR OWEN, (1929) A.B., A.M., Ph.D.
Assistant Professor of Mathematics Legion Avenue, Tuscaloosa Forest
- HILL, DOUGLAS, (1931) A.B., M.A., Ph.D.
Instructor in Chemistry Woodridge Drive, Rockwood
- HOBBS, MARCUS EDWIN, (1935) A.B., M.A., Ph.D.
Instructor in Chemistry
- HOLLINSHEAD, WILLIAM HENRY, (1931) B.A., M.S., Ph.D.
Associate in Anatomy 1006 Urban Avenue
- HOLSCHER, EDWARD CHARLES, (1936) A.B., B.S., M.D.
Instructor in Orthopedics Duke Hospital
- HOLTON, HOLLAND, (1912) A.B., J.D.
Professor of the History and Science of Education 809 Watts Street
- HOOVER, CALVIN BRYCE, (1925) A.B., Ph.D.
Professor of Economics 922 Urban Avenue
- **HOPKINS, DWIGHT LUCIAN, (1928) B.S., M.S., Ph.D.
Assistant Professor of Zoology 922 Demerius Street
- HORACK, HUGO CLAUDE, (1930) Ph.B., LL.B.
Professor of Law Myrtle Drive, West Campus
- HUBBELL, JAY BROADUS, (1927) A.B., A.M., Ph.D.
Professor of English Pinecrest Road

* Absent on leave, second semester, 1936-1937.

** Term of service expired June, 1937.

- IRVING, WILLIAM HENRY, (1936) A.B., B.A., (Oxon), M.A., Ph.D.
Professor of English 410 Watts Street
- JACOBS, JULIEN E., (1936) M.D.
Instructor in Orthopedics Duke Hospital
- JEFFERS, KATHERINE R., (1937) A.B., A.M., Ph.D.
Instructor in Zoology
- JENSEN, HOWARD EIKENBERRY, (1931) A.B., A.M., B.D., Ph.D.
Professor of Sociology 143 Pinecrest Road
- JOHNSON, MYCHYLE W., (1937) A.B., Ph.D.
Instructor in Zoology
- JOHNSTON, CHRISTOPHER, (1930) A.B., M.D.
Assistant Professor of Medicine 406 Watts Street
- JONES, ROBERT RANDOLPH, JR., (1930) A.B., M.D.
Assistant Professor of Surgery 1105 Watts Street
- JORDAN, ARCHIBALD CURRIE, (1925) A.B., A.M.
Assistant Professor of English Pinecrest Road, Corner Highway No. 71
- JORDAN, BRADY RIMBEY, (1927) Litt.B., Ph.D.
Professor of Romance Languages 117 Pinecrest Road
- JOYNER, GEORGE W., (1932) B.S., M.D.
Instructor in Surgery Duke Hospital
- KEECH, JAMES MAYNARD, (1931) A.B., A.M., Ph.D.
Instructor in Economics Guess Road
- KELLEY, WILLIAM HENRY, (1934) M.D.
Associate in Medicine 2511 University Drive, Rockwood
- KEMPNER, WALTER, (1935) M.D.
Associate in Medicine Washington Duke Hotel
- KORSTIAN, CLARENCE FERDINAND, (1930) B.S.F., M.F., M.A., Ph.D.
Professor of Silviculture 908 West Markham Avenue
- KRAMER, PAUL JACKSON, (1931) A.B., M.Sc., Ph.D.
Assistant Professor of Botany 2403 Englewood Avenue
- KRUMMEL, CHARLES ALBERT, (1922) Ph.B., Ph.M., Ph.D.
Professor of German 2118 Englewood Avenue
- LANDON, CHARLES EDWARD, (1926) A.B., A.M., Ph.D.
Assistant Professor of Economics 1001 West Trinity Avenue
- LANNING, JOHN TATE, (1927) A.B., A.M., Ph.D.
Assistant Professor of History Ambassador Apartments
- LATTY, ELVIN R., (1937) B.S., J.D., J.Sc.D.
Professor of Law
- LAPRADE, WILLIAM THOMAS, (1909) A.B., Ph.D.
Professor of History 1108 Monmouth Avenue
- *LAYTON, PHILIP RAYMOND, (1935) A.B., LL.B., M.B.A.
Instructor in Business Administration 903 Sixth Street

* Resigned July 31, 1936.

- LEMERT, BEN FRANKLIN, (1930) B.Sc., M.A., Ph.D.
Assistant Professor of Economic Geography 15 Ambassador Apartments
- LEONARD, HENRY SIGGINS, (1937) A.B., A.M., Ph.D.
Assistant Professor of Philosophy
- LEWIS, LEROY, (1935) A.B.
Instructor in Public Speaking Y. M. C. A.
- *LEWIS, WILLIAM WHITFIELD, (1934) B.S. in C.E.
Instructor in Engineering 1007 W. Trinity Avenue
- LINEBARGER, PAUL M. A., (1937) A.B., Ph.D.
Instructor in Political Science
- LOWNDES, CHARLES LUCIEN BAKER, (1934) A.B., LL.B., S.J.D.
Professor of Law 2108 University Drive
- LUNDEBERG, OLAV, (1931) A.B., A.M., Ph.D.
Associate Professor of Romance Languages 1001 Lamond Avenue
- LUNDHOLM, HELGE, (1930) Ph.D.
Professor of Psychology Rollins Apartments
- MABRY, WILLIAM ALEXANDER, (1930) A.B., A.M., Ph.D.
Instructor in History 703 Club Boulevard
- MAGGS, DOUGLAS BLOUNT, (1930) A.B., J.D., S.J.D.
Professor of Law Hope Valley
- MANCHESTER, ALAN KREBS, (1929) A.B., A.M., Ph.D.
Assistant Professor of History Myrtle Drive, West Campus
- MARIA, ALFRED JOSEPH, (1935) B.S., A.M., Ph.D.
Visiting Assistant Professor of Mathematics 814 Watts Street
- MARTIN, DONALD STOVER, (1934) A.B., M.D.
Assistant Professor of Bacteriology and Associate in Medicine
 2609 Chapel Hill Boulevard
- MARTIN, ELSIE WILSON, MRS., (1930) A.B., M.S.
Professor of Dietetics Faculty Apartments, East Campus
- *MATHEWS, RALPH THOMPSON, (1930) B.S. in M.E.
Instructor in Mechanical Engineering 255 College Station
- MAUGHAN, WILLIAM, (1931) B.S., M.F.
Associate Professor of Forestry 2307 Club Boulevard
- MAXWELL, WILLIAM CARY, (1930) A.B., A.M., Ph.D.
Assistant Professor of German Pinecrest Road
- MAYFIELD, MARIE MARCIA, (1935) A.B., Brevet d'Art de la Sorbonne
Instructor in Fine Arts East Campus
- McBRYDE, ANGUS MURDOCH, (1931) B.S., M.D.
Assistant Professor of Pediatrics 1007 Homer Street
- MCCAIN, PAUL PRESSLY, (1933) A.B., M.D.
Assistant Professor of Clinical Medicine Duke Hospital and
 Southern Pines, N. C.
- MCCLOY, SHELBY THOMAS, (1927) A.B., M.A., B.A., B.Litt., Ph.D.
Instructor in History 1208 Arnette Avenue

* Resigned June, 1937.

- McCREA, FOREST DRAPER, (1930) B.S., M.S., Ph.D.
Associate Professor of Physiology and Pharmacology
 1010 Monmouth Avenue
- McCULLOCH, T. L., (1937) A.B., A.M., Ph.D.
Visiting Instructor in Psychology
- McDERMOTT, MALCOLM, (1930) A.B., LL.B.
Professor of Law
 East Campus
- McDONALD, ALEXANDER DONALD, (1936) A.B., M.F.A.
Assistant Professor of Fine Arts
 1507 Pettigrew Street
- McDOUGALL, WILLIAM, (1927) B.A., M.A., M.B., D.Sc., Litt.D.
Professor of Psychology
 Faculty Apartments, East Campus
- McLARTY, FURMAN GORDON, (1933) A.B., B.A., A.M., Ph.D.
Instructor in Philosophy
 Hillsboro, N. C.
- *McMANUS, MARY IDOLENE, (1935) A.B., A.M., Ph.D.
Instructor in Zoology
 1005 West Trinity Avenue
- McMILLAN, ROBERT LINDSAY, (1934) B.S., M.D.
Instructor in Medicine
 Duke Hospital
- MEIER, OTTO, JR., (1934) B.S. in E.E., E.E.
Instructor in Electrical Engineering
 903 Sixth Street
- MILES, EDWARD ROY CECIL, (1929) B.S., M.A., Ph.D.
Assistant Professor of Mathematics
 118 Faculty Apartments, East Campus
- MITCHELL, FRANK KIRBY, (1926) A.B., A.M.
Associate Professor of English
 East Campus
- MORGAN, GEORGE ALLEN, JR., (1936) A.B., A.M., Ph.D.
Associate Professor of Philosophy
 1210 Vickers Avenue
- MOUZON, JAMES CARLISLE, (1932) B.A., Ph.D.
Assistant Professor of Physics
 2017 Wa-Wa Avenue
- MUNYAN, MERRILL CALVIN, (1934) A.B.
Instructor in History
 East Campus
- MYERS, HIRAM EARL, (1926) A.B., S.T.B., S.T.M.
Professor of Biblical Literature
 Pinecrest Road
- NELSON, ERNEST WILLIAM, (1926) A.B., A.M., Ph.D.
Associate Professor of History
 2032 Club Boulevard
- NESTER, GARNETT ANNE, (1935) R.N., B.S.
Instructor in Nursing
 Nurses Home
- NEWBERN, WALTER RELFE, (1935) B.S., M.D.
Assistant in Anatomy
 1811 W. Pettigrew Street
- **NICHOL, ARCHIBALD JAMESON, (1930) A.B., M.A., Ph.D.
Instructor in Economics
 1112 Alabama Avenue
- NICHOLSON, WILLIAM MCNEAL, (1935) A.B., M.D.
Associate in Medicine and Biochemistry
 1502 Florida Avenue

* Deceased Dec. 21, 1936.

** Resigned July 2, 1936.

- NIELSEN, WALTER MCKINLEY, (1925) B.S., Ph.D.
Professor of Physics 1104 Virginia Avenue
- NORDHEIM, LOTHAR WOLFGANG, (1937) Ph.D.
Visiting Professor of Physics
- OLIVER, HENRY M., (1937) A.B., A.M.
Instructor in Economics
- OOSTING, HENRY JOHN, (1932) A.B., M.S., Ph.D.
Assistant Professor of Botany University Drive, Rockwood
- ORGAIN, EDWARD STEWART, (1934) M.D.
Associate in Medicine and Physiology Faculty Apartments
- ORMOND, JESSE MARVIN, (1923) A.B., B.D.
Professor of Practical Theology 301 Watts Street
- PACHMAN, DANIEL J., (1936) A.B., M.D.
Instructor in Pediatrics • Duke Hospital
- PATTERSON, KARL BACHMAN, (1920) A.B., A.M.
Assistant Professor of Mathematics 1024 Monmouth Avenue
- PATTON, LEWIS, (1926) A.B., Ph.D.
Assistant Professor of English 1511 W. Pettigrew Street
- PEARSE, ARTHUR SPERRY, (1926) B.S., A.M., Ph.D.
Professor of Zoology Chelsea Circle, Hope Valley
- PEPLER, CHARLES WILLIAM, (1912) A.B., Ph.D.
Professor of Greek 406 Buchanan Road
- PERLZWEIG, WILLIAM ALEXANDER, (1930) B.S., A.M., Ph.D.
Professor of Biochemistry Hope Valley
- PERRY, HAROLD SANFORD, (1932) A.B., Ph.D.
Instructor in Botany 1222 Sixth Street
- PERSONS, ELBERT LAPSLEY, (1935) A.B., M.D.
Associate in Medicine and Dermatology
 Allenton Apartments, West Trinity Avenue
- PETREY, RAY C., (1937) A.B., A.M., Ph.D.
Assistant Professor of Early Church History
- POTEAT, JAMES DOUGLAS, (1936) A.B., LL.B., J.S.D.
Professor of Law 1015 Dacian Avenue
- POTEAT, MARY, (1935) A.B., A.M., Ph.D.
Instructor in English 402 Buchanan Road
- PRATT, JOSEPH GAITHER, (1937) A.B., A.M., Ph.D.
Instructor in Psychology
- *PROCTOR, ARTHUR MARCUS, (1923) A.B., A.M., Ph.D.
Professor of Education Myrtle Drive, West Campus
- **PULLIAS, EARL VIVON, (1932) A.B., A.M., Ph.D.
Instructor in Education 2501 Club Boulevard
- QUYNN, DOROTHY MACKAY, MRS., (1930) A.B., M.A., Docteur de L'Universite
 de Paris
Assistant Professor of History Woodridge Drive, Rockwood

* Absent on leave, first semester, 1937-1938.

** Resigned, June, 1937.

- QUYNN, WILLIAM ROGERS, (1930) B.A., M.A., Ph.D.
Assistant Professor of Romance Languages Woodridge Drive, Rockwood
- RANKIN, ROBERT STANLEY, (1927) A.B., A.M., Ph.D.
Professor of Political Science Manchester Apartments
- RANKIN, WATSON SMITH, (1927) M.D.
Lecturer in Preventive Medicine and Public Health Charlotte, N. C.
- RANKIN, WILLIAM WALTER, JR., (1926) B.E., M.A.
Professor of Mathematics 1011 Gloria Avenue
- RANSON, RUSSELL, (1934) B.S.
Instructor in Electrical Engineering Bickett Apartments
- RATCHFORD, BENJAMIN ULYSSES, (1928) B.S., A.M., Ph.D.
Assistant Professor of Economics 2030 Englewood Avenue
- RAYMOND, MARY LOIS, (1931) A.B., M.A.
Instructor in Romance Languages 1003 Lamond Avenue
- REED, FREDERICK JEROME, (1935) M.E., M.S.
Instructor in Mechanical Engineering 1013 Rose Hill Avenue
- REEVES, ROBERT JAMES, (1930) A.B., M.D.
Associate Professor of Roentgenology 1010 Mangum Street
- RHINE, JOSEPH BANKS, (1927) B.S., M.S., Ph.D.
Professor of Psychology Nation Avenue
- *ROBERTS, JOHN H., (1931) A.B., Ph.D.
Assistant Professor of Mathematics 1011 Rose Hill Avenue
- ROGERS, ROBERT S., (1937) A.B., A.M., Ph.D.
Professor of Latin
- ROSBOROUGH, RUSKIN RAYMOND, (1925) A.B., A.M., Ph.D., Docteur en
philologie classique, Louvain
Professor of Latin 1027 W. Trinity Avenue
- ROSS, ROBERT ALEXANDER, (1930) B.S., M.D.
Associate Professor of Obstetrics and Gynecology 818 Anderson Street
- ROWE, GILBERT THEODORE, (1928) A.B., S.T.D., D.D., Litt.D.
Professor of Christian Doctrine 150 Pinecrest Road
- RUFFIN, JULIAN MEADE, (1930) A.B., M.A., M.D.
Associate Professor of Medicine 1010 Green Street
- RUSH, KENNETH, (1936) A.B., LL.B.
Assistant Professor of Law No. 3 Salmon Apartments
- RUSSELL, ELBERT, (1926) A.B., A.M., Ph.D.
Professor of Biblical Interpretation 811 Vickers Avenue
- SANDERS, C. RICHARD, (1937) B.Ph., M.A., Ph.D.
Instructor in English
- SANDERS, PAUL HAMPTON, (1936) A.B., LL.B.
Assistant Professor of Law
- SANGER, PAUL WELDON, (1931) A.M., M.D.
Instructor in Surgery 115 Faculty Apartments, East Campus

* Absent on leave, 1937-1938.

- SAYLOR, JOHN HENRY, (1928) A.B., A.M., Ph.D.
Assistant Professor of Chemistry 1604 B Street
- SCHIEBEL, HERMAN MAX, (1933) A.B., M.D.
Instructor in Surgery Duke Hospital
- SCHUMACHER, FRANCIS X., (1937) B.S.
Professor of Forestry Duke University
- SEELEY, WALTER JAMES, (1925) E.E., M.S.
Professor of Electrical Engineering 1005 Urban Avenue
- *SHANDS, ALFRED RIVES, JR., (1930) B.A., M.D.
Associate Professor of Surgery in Charge of Orthopedics 812 Anderson Street
- SHEARS, LAMBERT ARMOUR, (1927) A.B., A.M., Ph.D.
Instructor in German 917 Green Street
- SHERWOOD, MILDRED, (1931) R.N.
Instructor in Pediatrics Nurses Home
- SHIELDS, JOHN HERMAN, (1926) A.B., A.M.
Assistant Professor of Accounting 602 W. Chapel Hill Street
- SHRYOCK, RICHARD HARRISON, (1925) B.S., Ph.D.
Professor of History 1107 Watts Street
- SIMPSON, WILLIAM HAYS, (1930) A.B., A.M., Ph.D.
Instructor in Political Science
- SMITH, DAVID TILLERSON, (1930) A.B., M.D.
Professor of Bacteriology and Associate Professor of Medicine Hope Valley
- SMITH, HILRIE SHELTON, (1931) A.B., Ph.D., D.D.
Professor of Religious Education 1523 Hermitage Court
- SMITH, ROBERT SIDNEY, (1932) A.B., A.M., Ph.D.
Instructor in Economics
- SMITH, RUTH SLACK, MRS., (1927) A.B., A.M.
Instructor in Education 115 Faculty Apartments, East Campus
- SMITH, SUSAN GOWER, (1930) A.B., M.A.
Associate in Medicine and Nutrition Hope Valley
- SPENCE, BESSIE WHITTED, MRS., (1929) A.B., A.M., B.D.
Instructor in Biblical Literature Hope Valley
- SPENCE, HERSEY EVERETT, (1918) A.B., A.M., B.D.
Professor of Biblical Literature and Religious Education Hope Valley
- SPENGLER, JOSEPH JOHN, (1934) A.B., M.A., Ph.D.
Professor of Economics 1601 Lakewood Avenue
- SPONER, HERTHA, (1935) Ph.D.
Professor of Physics 813 Second Street
- SPRINGER, JOHN YOUNG, (1936) A.B., M.B.A.
Assistant Professor of Economics 1113 Alabama Avenue
- SPRUNT, DOUGLAS HAMILTON, (1932) B.S., M.S., M.D.
Associate Professor of Pathology Hope Valley

* On leave of absence, 1937-1938.

- STERN, WILLIAM, (1934) Ph.D., LL.D.
Professor of Psychology 305 Faculty Apartments, East Campus
- STINESPRING, WILLIAM FRANKLIN, (1936) A.B., M.A., Ph.D.
Assistant Professor of Old Testament 1107 Urban Avenue
- SUGDEN, HERBERT WILFRED, (1929) A.B., A.M., Ph.D.
Assistant Professor of English 201 Faculty Apartments, East Campus
- SWETT, FRANCIS HUNTINGTON, (1930) A.B., M.A., Ph.D.
Professor of Anatomy Hope Valley
- SYDNOR, CHARLES SACKETT, (1936) A.B., Ph.D.
Associate Professor of History 212 Watts Street
- TAYLOR, HAYWOOD MAURICE, (1930) B.S., M.S., Ph.D.
Assistant Professor of Biochemistry and Toxicology University Drive, Rockwood
- THOMAS, JOSEPH MILLER, (1930) A.B., Ph.D.
Professor of Mathematics 1000 Lamond Avenue
- THOMAS, WALTER LEE, JR., (1937) A.B., M.A., M.D.
Assistant Professor of Obstetrics and Gynecology
- THOMPSON, EDGAR T., (1935) A.B., A.M., Ph.D.
Assistant Professor of Sociology 512 Watts Street
- TRUESDALE, JAMES N., (1930) A.B., A.M., Ph.D.
Instructor in Greek 222 Epworth, East Campus
- UPCHURCH, SAMUEL E., (1935) B.A., M.D.
Assistant in Surgery Duke Hospital
- VANCE, MARY HENDREN, MRS., (1926) A.B., A.M.
Assistant Professor of English 208 Watts Street
- VOLLMER, CLEMENT, (1926) A.B., A.M., Ph.D.
Professor of German Myrtle Drive, West Campus
- VON BECKERATH, HERBERT, (1935) Ph.D.
Professor of Economics and Political Science 203 Battle Street, Chapel Hill, N. C.
- VOSBURGH, WARREN CHASE, (1928) B.S., M.S., Ph.D.
Professor of Chemistry 2319 Englewood Avenue
- VOYLES, CARL, (1931) B.S.
Assistant Director of Physical Education, Trinity College 1005 Monmouth Avenue
- WADE, WALLACE, (1931) A.B.
Director of Physical Education, Trinity College West Campus
- WALKER, ROWLAND H., JR., (1935) A.B., M.D.
Instructor in Private Diagnostic Clinic Duke Hospital
- *WALLACE, ELBERT STEPHEN, (1936) A.B., A.M., Ph.D.
Instructor in Economics 905 Sixth Street
- WALTON, LORING BAKER, (1929) Lic. es L.
Associate Professor of Romance Languages 1012 Green Street
- WANNAMAKER, WILLIAM HANE, (1904) A.B., A.M., Litt.D.
Professor of German Myrtle Drive, West Campus
- * Resigned June, 1937.

- WARD, CHARLES EUGENE, (1927) A.B., A.M., Ph.D.
Assistant Professor of English Tuscaloosa Forest
- WAY, VERNON ELGIN, (1930) A.B., A.M., M.A.
Assistant Professor of Greek 814 Watts Street
- WEBB, ALBERT MICAHAH, (1903) A.B., A.M.
Professor of Romance Languages 1017 Trinity Avenue
- WELFLING, WELDON, (1936) A.B., A.M.
Instructor in Economics Corner Vineyard Street and Legion Avenue
- WEST, ALFRED THURBER, (1930) B.S., A.M.
Instructor in English 909 North Gregson Street
- WHITE, MARIE ANNE, MRS., (1930) A.B., A.M.
Assistant Professor of English Chelsea Circle, Hope Valley
- WHITE, NEWMAN IVEY, (1919) A.B., A.M., Ph.D.
Professor of English Chelsea Circle, Hope Valley
- *WIDGERY, ALBAN GREGORY, (1930) B.A., M.A.
Professor of Philosophy St. Catherine, Pinecrest Road
- WILBUR, RALPH SYDNEY, (1933) B.S. in M.E., M.E.
Professor of Mechanical Engineering 1317 Arnette Avenue
- WILLIAMS, JAMES WESLEY, (1937) A.B., B.S.
Instructor in Civil Engineering
- WILSON, FREDERICK ELIPHAZ, (1923) A.B., A.M.
Assistant Professor of German 1007 Urban Avenue
- WILSON, ROBERT NORTH, (1910) A.B., M.S.
Professor of Chemistry 822 Third Street
- WILSON, ROBERT RENBERT, (1925) A.B., A.M., Ph.D.
Professor of Political Science 216 Forest Wood Drive
- WOLF, FREDERICK ADOLPHUS, (1927) A.B., A.M., Ph.D.
Professor of Botany 924 Urban Avenue
- WOODHALL, BARNES, (1937) M.D.
Assistant Professor of Surgery
- WOODY, ROBERT HILLIARD, (1929) Ph.B., A.M., Ph.D.
Instructor in History 2534 University Drive
- **WRIGHT, JAMES DIXON, (1935) A.B., A.M.
Instructor in German 1007 Lamond Avenue
- YATES, ANNE, (1933) A.B., A.M., Ph.D.
Associate in Biochemistry Duke Hospital
- YOUNG, EDWARD HUDSON, (1923) A.B., A.M.
Assistant Professor of Romance Languages 13 Beverly Apartments
- YOUNG, PAUL G., (1937) B.Ph., A.M.
Instructor in German
- ZENER, KARL EDWARD, (1928) A.B., A.M., Ph.D.
Associate Professor of Psychology 416 Carolina Circle
-
- BAKER, ELEANOR USSHER, (1930) A.B.
Instructor in English in School of Nursing Duke Hospital

* Absent on leave, first semester, 1937-1938.

** Resigned June, 1937.

BATCHELDER, MARION FRANCIS, (1930) R.N. <i>Instructor in Nursing Administration and Supervision</i>	Duke Hospital
*CARNEY, JAMES JOSEPH, JR., (1934) A.B., A.M. <i>Instructor (Part Time) in Economics</i>	302 Southgate
CHAFFIN, NORA CAMPBELL, (1936) A.B., A.M. <i>Instructor (Part Time) in History</i>	Bassett House
**CULBRETH, SARAH ELIZABETH, (1936) A.B., A.M. <i>Instructor (Part Time) in Zoology</i>	307 Watts Street
DILL, ISABEL HUNTER, (1934) R.N., B.S. <i>Instructor in Principles and Practice of Nursing</i>	Nurses Home
DOW, MARIE, MME., (1934) L. es L., M.A. <i>Instructor (Part Time) in French</i>	205 Forest Wood Drive
*ECKARD, EDWIN WOODROW, (1936) A.B., A.M., Ph.D. <i>Instructor (Part Time) in Economics</i>	206 Watts Street
EPPELSON, JESSE HARRISON, (1930) B.S. <i>Instructor in Preventive Medicine and Public Health</i>	Duke Hospital
FOERSTER, ALMA PAULINE, (1936) A.B., A.M. <i>Instructor (Part Time) in History</i>	306 Faculty Apartments
HAMILTON, WILLIAM BASKERVILLE, JR., (1936) A.B., A.M. <i>Instructor (Part Time) in History</i>	1114 Eighth Street
HINVES, EDITH, (1934) R.N. <i>Instructor in Nursing Supervision</i>	Nurses Home
ROSE, JESSE LEE, (1936) A.B., M.A. <i>Instructor (Part Time) in Latin</i>	2117 Myrtle Drive
WATSON, CARL BRANTLEY, (1936) B.S., A.B. <i>Instructor (Part Time) in Education</i>	

INSTRUCTIONAL ASSISTANTS

ANDERSON, WILLIAM ARNOLD DOUGLAS, (1936) B.A., M.A., M.D. <i>Assistant in Pathology</i>	Duke Hospital
BAYLIN, GEORGE JAY, (1934) A.B. <i>Assistant in Anatomy</i>	Duke Hospital
BORLAND, ANDREW HOYT, (1934) A.B., LL.B. <i>Assistant in Legal Aid Clinic</i>	804 Second Street
BRUCH, ERNST, (1936) Ph.D., M.D. <i>Research Fellow in Biochemistry</i>	819 Third Street
***BRYSON, EDWIN CONSTANT, (1931) <i>Assistant in Legal Aid Clinic</i>	307 Faculty Apartments, East Campus
BURNS, MARGARET VIRGINIA, (1936) <i>Assistant in Anatomy</i>	Aycock House, East Campus
DEVINE, JOHN WILLIAM, JR., (1935) B.S., M.D. <i>Assistant in Surgery</i>	Duke Hospital

* Resigned June, 1937.

** For 1936-1937.

*** Absent on leave, 1936-1937.

*ESKRIDGE, THOMAS JOSEPH, JR., (1936) A.B., A.M., Ph.D. <i>Instructor (Part Time) in Education</i>	401 B Street
FEDER, JOHN GEORGE, (1936) A.B., M.D. <i>Assistant in Neuropsychiatry</i>	Duke Hospital
FLETCHER, RICHARD VAN, (1933) B.S., M.D. <i>Assistant in Surgery</i>	Duke Hospital
KLEIN, JAMES RAYMOND, (1934) A.B. <i>Assistant in Biochemistry</i>	Duke Hospital
KONDRITZE, ALBERT, (1934) A.B., M.S. <i>Assistant in Biochemistry</i>	1003 Urban Avenue
MASON, MARY LOCHER, MRS., (1931) Diploma in Fine Arts, Teachers College, Columbia University <i>Assistant in Education</i>	Roxboro Road
MICHEL, HARRY OSCAR, (1934) B.S. <i>Assistant in Biochemistry</i>	Duke Hospital
MILLER, BEN NEELY, JR., (1935) B.S., M.D. <i>Assistant in Medicine</i>	Duke Hospital
MILLER, CHARLES HENDERSON, (1934) A.B., LL.B. <i>Assistant in Legal Aid Clinic</i>	Dixon Road
MORGAN, JASPER EUGENE, (1936) B.S., A.M., Ph.D. <i>Assistant in Roentgenology</i>	311 Alston Avenue
NEWBERN, WALTER RELFE, (1936) A.B. <i>Assistant in Anatomy</i>	1811 W. Pettigrew Street
PEARSE, RICHARD LEHMER, (1936) A.B., M.D. <i>Assistant in Obstetrics and Gynecology</i>	Duke Hospital
POSTON, MARY ALVERTA, (1930) <i>Assistant in Bacteriology</i>	Duke Hospital
QUERY, RICHARD ZIMRI, JR., (1935) B.S., M.D. <i>Assistant in Medicine and Bacteriology</i>	Duke Hospital
RAPER, JAMES SIDNEY, (1936) <i>Assistant in Anatomy</i>	1013 Monmouth Avenue
REISER, RAYMOND, (1936) A.B., Ph.D. <i>Fellow in Medicine</i>	Duke Hospital
ROBERTS, LOUIS CARROLL, (1934) A.B., M.D. <i>Assistant in Surgery</i>	Duke Hospital
ROSS, IRA STANLEY, (1936) A.B. <i>Assistant in Anatomy</i>	808 Third Street
RUCKER, EDWIN MACRAE, (1936) A.B., M.D. <i>Assistant in Obstetrics and Gynecology</i>	Duke Hospital
SEITZ, GIFFORD DE ALTON, (1936) B.A., M.D. <i>Assistant in Obstetrics and Gynecology</i>	Duke Hospital
SHIPP, MARY ELIZABETH, (1932) A.B., M.A. <i>Research Assistant in Anatomy</i>	1104 Watts Street

* For 1936-1937.

STAYER, GLENN EMORY, (1936) A.B., M.D. <i>Assistant in Otolaryngology</i>	Duke Hospital
STONE, ROBERT EDWARD, (1936) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
STUBBS, ALSTON, (1935) A.B., LL.B., LL.M. <i>Assistant in Legal Aid Clinic</i>	Hope Valley
TWADDELL, VERA CARR, MRS., (1931) A.B. <i>Assistant in Education</i>	707 S. Duke Street
UPCHURCH, SAMUEL E., (1935) B.A., M.D. <i>Assistant in Surgery</i>	Duke Hospital
VAUGHAN, WALTER WEDDLE, (1936) A.B., M.D. <i>Assistant in Radiology</i>	1325 Arnette Avenue
WEBSTER, MARGARET DOROTHY, (1934) B.Sc., M.Sc. <i>Assistant in Physiology and Pharmacology</i>	402 Buchanan Road
WELLS, WARNER LEE, (1936) A.B. <i>Assistant in Anatomy</i>	Duke Hospital
WILBUR, E. LLOYD, (1935) M.D. <i>Assistant in Pathology</i>	Duke Hospital
WRIGHT, DEWITT, (1936) B.S., J.D. <i>Assistant in Legal Aid Clinic</i>	1014 Demarius Street

**INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
TRINITY COLLEGE**

*ASHWORTH, RUFUS CHARLES, (1935) A.B. <i>Assistant in Physical Education</i>	104 Epworth, East Campus
CALDWELL, HERSCHEL, (1930) <i>Assistant in Physical Education</i>	920 Buchanan Boulevard
CAMERON, EDMUND McCULLOUGH, (1926) A.B. <i>Assistant in Physical Education</i>	214 Swift Avenue
CARD, WILBUR WADE, (1902) A.B. <i>Assistant in Physical Education</i>	1110 Minerva Avenue
COOMBS, JOHN WESLEY, (1929) B.S. <i>Assistant in Physical Education</i>	101 House DD, Craven Quadrangle
CHAMBERS, ROBERT LUTHER, (1933) B.S. <i>Assistant in Physical Education</i>	145 Pinecrest Road
CRICHTON, MARSHALL, (1931) <i>Assistant in Physical Education</i>	Hope Valley
DEAN, DAYTON ROBERT, (1931) A.B. <i>Business Manager of Athletics</i>	403 Union, West Campus
FOGLEMAN, WILLIAM HARRY, (1935) <i>Assistant in Physical Education</i>	2109 Chapel Hill Road
GERARD, KENNETH, (1931) B.S. <i>Assistant in Physical Education</i>	1209 N. Duke Street

* Resigned June, 1937.

HAGLER, ELLIS, (1930) <i>Assistant in Physical Education</i>	Vance Apartments, Dacian Avenue
HENDRICKSON, HORACE, (1934) A.B. <i>Assistant in Football</i>	1700 Duke University Drive
LEWIS, HUBERT MURRY, (1937) B.S. <i>Assistant in Physical Education</i>	
PERSONS, WALTER, (1930) <i>Assistant in Physical Education</i>	West Campus
ROGERS, THOMAS, (1934) A.B. <i>Assistant in Football</i>	206 Watts Street
WAITE, ALEX, (1931) A.B. <i>Assistant in Physical Education</i>	Pinecrest Road
*WARD, THURMAN L., (1936) <i>Assistant in Physical Education</i>	1202 Broad Street
WARREN, ADDISON, (1931) A.B. <i>Assistant in Physical Education</i>	1013 Lamond Avenue

**INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
THE WOMAN'S COLLEGE**

BOOKHOUT, ELIZABETH CIRCLE, (1932) A.B., M.S. <i>Instructor in Physical Education</i>	12 Bickett Apartments
DOWLING, MARY LOUISE, (1937) B.S. <i>Instructor in Physical Education</i>	
LEWIS, MARTHA MODENA, (1933) B.S. <i>Instructor in Physical Education</i>	806 Third Street
*MORRIS, MARGARET, (1936) B.S. <i>Instructor in Physical Education</i>	806 Third Street
WYCHE, ALMA VIRGINIA, (1930) A.B., M.S. <i>Instructor in Physical Education</i>	301 Erwin Apartments

RAMSEY, SARAH WRAY, (1928) R.N. <i>Resident Nurse</i>	East Campus Infirmary
VESTAL, MOZELLE, (1931) R.N. <i>Resident Nurse</i>	East Campus Infirmary

FELLOWS AND GRADUATE ASSISTANTS

UNIVERSITY FELLOWS

Altland, Paul Daniel, Jr. B.S., Gettysburg College; A.M., Duke	Zoology	Cook Street
Anderson, Marcia Lee A.B., Bryn Mawr College	English	2404 Club Boulevard
Bates, Roger Gordon B.S., Massachusetts State College; A.M., Duke	Chemistry	209 House Q
Beck, Lewis White A.B., Emory; A.M., Duke	Philosophy	602 Buchanan Blvd.

* Resigned June, 1937.

Bettsworth, John Knox A.B., Millsaps College	History	104 House B
Bowden, William Robert, Jr. A.B., Haverford College	English	201 House B
Brown, James Wilson B.S., University of Maryland	Forestry	Duke University
Correll, Donovan Stewart A.B., A.M., Duke	Botany	204 Epworth
Duncan, Wilbur Howard A.B., A.M., Indiana	Botany	206 Watts St.
George, Theodore Samuel B.S., Grove City College; A.M., Duke	Mathematics	602 Buchanan Blvd.
Hard, Walter Leon A.B., Albion College	Zoology	Cook St.
Henderson, Alfred James A.B., A.M., University of Rochester	History	303 House C
Key, Francis Bromley B.S., Washington and Lee	Physics	910 Markham Ave.
King, Joseph Jerone, Jr. A.B., Stanford	Economics	1506 Duke Univ. Rd.
McNicoll, Robert Edwards A.B., University of Miami; A.M., Duke	History	204 House C
Mounts, Charles Eugene A.B., A.M., University of Florida	English	1007 W. Trinity Ave.
*Oliver, Henry Madison, Jr. A.B., Southwestern; A.M., Duke	Economics	1506 Duke Univ. Rd.
Phelps, George Thomas B.S., Bethany College	Education	2103 Huron St.
Renfrow, William Burns, Jr. B.S., Furman; A.M., Duke	Chemistry	209 House Q
Savely, Harvey Epperson, Jr. B.S., Mississippi State College	Zoology	903 Sixth St.
Schopmeyer, Clifford Scharff B.S., George Washington; M.S., University of Maryland	Forestry	105 House B
Searcy, Hubert A.B., Birmingham-Southern College; A.M., Duke	Political Science	203 Faculty Apts.
Stirewalt, Martin Luther, Jr. A.B., Lenoir-Rhyne College; A.M., Duke	Greek	1505 Duke Univ. Rd.
Wang, Yen-chieh B.S., National Tsing Hua University; M.S., Cornell	Forestry	704 Buchanan Blvd.
Wiley, Edward Emerson, Jr. A.B., Emory and Henry College; B.D., Duke	Religion	103 House B

* Resigned Feb. 1, 1937.

Wood, Gordon Reid A.B., Davidson College	English	Duke University
GRADUATE ASSISTANTS		
Ayers, John Carr A.B., Kalamazoo College; M.S., Kansas State College	Zoology	1507 Duke Univ. Rd.
Barnes, William Speight A.B., Duke; J.D., University of Arizona	Physics	1101 Glenwood Ave., Raleigh, N. C.
Blackwell, Henry Conrad B.Ph., Emory; A.M., Duke	Sociology	813 Buchanan Blvd.
Bogess, William Randolph A.B., Concord State Teachers College	Botany	704 Buchanan Blvd.
Brewster, Lawrence Fay A.B., College of William and Mary; A.M., Columbia	History	903 Sixth St.
Bright, Robert Dietrich A.B., Dartmouth College	Chemistry	107 House B
Burt, Everett Johnson, Jr. A.B., Berea College	Economics	1506 Duke Univ. Rd.
Christenson, James Andreas, Jr. A.B., Harvard College	Psychology	604 Gregson St.
Clayton, William Joseph A.B., Southeastern Teachers College; A.M., Duke	Chemistry	504 Gattis St.
Coy, Nettie Helena A.B., University of New Brunswick; A.M., Columbia	Physics	102 Aycock
Derrickson, Mary Burton A.B., Goucher College; A.M., Syracuse	Zoology	308 Faculty Apts.
Dickerson, Robert Turpin A.B., Duke	Physics	207 House B
Dowling, Delphine Louise A.B., Barnard College; A.M., Columbia	Botany	306 Faculty Apts.
Eggers, Graydon Poe A.B., Carson and Newman College; A.M., Duke	English	104 House A
Feister, Irving A.B., Harvard College	Physics	109 Epworth
Firebaugh, Joseph Jesse A.B., University of Colorado	English	1305 B St.
Garren, Kenneth Howard A.B., Duke	Botany	704 Buchanan Blvd.
Garrison, John Leland A.B., Duke	English	2212 Erwin Road
Going, William Thornbury A.B., University of Alabama	English	212 Watts St.
Guyton, Percy Love B.S., Mississippi State College; M.B.A., Northwestern	Economics	2030 Englewood Ave.
Harris, Therman Winfred A.B., Clarendon College; M.S., University of Oklahoma	Education	2003 Club Blvd.
Havens, Ralph Murray A.B., Baker; M.B.A., University of Kansas	Economics	1301 Duke Univ. Rd.

Hopkins, John Isaac B.S., A.M., Duke	Physics	801 Club Blvd.
Jones, John Sneed B.S., George Peabody College	Philosophy for Teachers; A.M., B.D., Vanderbilt	1506 Duke Univ. Rd.
Kirby-Smith, John Seldon B.S., University of the South	Physics	207 House B
Ligon, Edgar William, Jr. B.S., University of Richmond	Zoology	1004 Minerva Ave.
McCurdy, Harold Grier A.B., Duke	Psychology	817 Second St.
McNeill, Ellis Meade A.B., Concord State Teachers College; M.S., West Virginia	Botany	704 Buchanan Blvd.
Mangrum, James Freed B.S., West Tennessee State Teachers College; M.S., University of Tennessee	Zoology	704 Buchanan Blvd.
Martin, Abram Venable, Jr. A.B., Presbyterian College	Mathematics	1506 Duke Univ. Rd.
Miller, Paul U. S. Naval Academy	Mathematics	2501 Club Blvd.
Morton, Louis B.S., A.M., New York University	History	206 Epworth
Nelson, Melvin Frederick B.S., Mississippi State College; A.M., Municipal University of Omaha	Political Science	818 Third St.
Peck, Robert Lawrence B.S., Duke	Chemistry	1023 Gloria Ave.
Pettengill, Rita Barbara A.B., Smith College	Chemistry	307 Faculty Apts.
Pohl, Herbert Ackland A.B., Duke	Chemistry	1206 Vickers Ave.
Powell, Donald Moore A.B., Swarthmore College	English	1004 Minerva Ave.
Roney, William Hamilton A.B., Occidental College; A.M., University of Michigan	Sociology	914 W. Markham Ave.
Schlesinger, Willard Raphael A.B., Duke	Political Science	1009 Dacian Ave.
Seigler, Milledge Broadus A.B., Furman; A.M., Duke	English	304 House L
Seitz, Clifford Peter A.B., A.M., Columbia	Psychology	320 Southgate
Snyder, William Ulrich A.B., Gettysburg College	Psychology	320 Southgate
Storey, George Gilbert A.B., Geneva College	English	203 House B
Stuckey, James Morlan B.S., Centenary College	Chemistry	1014 Lamond Ave.
Taylor, Charles Theodore B.S., University of Arizona	Economics	Southgate

Taylor, Henry Liles A.B., Duke	Economics	206 House Q
Triplett, Edna Bernadine A.B., Queens College; A.M., Duke	English	307 Faculty Apts.
Vermillion, Herbert Edward B.S., Monmouth College	Chemistry	1000 Lamond Ave.
*Ward, William Smith A.B., Georgetown College; A.M., Harvard	English	302 House B
Watson, Karl Brantley, Jr. B.S., A.B., University of Chattanooga; A.M., Duke	Education	216 Epworth
Wharton, George Willard, Jr. B.S., Duke	Zoology	1023 Gloria Ave.
Williams, Myra Allene A.B., Winthrop College; A.M., University of South Carolina	Zoology	108 Aycock
Wilson, John Woodrow B.S., Duke	Zoology	905 Monmouth Ave
Woodall, John Burwell A.B., Duke	History	104 House D
Young, DeWalt Secrist A.B., Cornell	Chemistry	1014 Lamond Ave.
Ziegler, Lyman Huntington A.B., Yale	Sociology	2110 Wilson St.

GRADUATE SCHOLARS

Ayers, Archie Raymon B.S., University of South Carolina	Physics	109 Epworth
Bagby, James Willis, Jr. B.S., East Tennessee State Teachers College	Education	906 N. Gregson St.
Barnes, Annette A.B., A.M., Duke	Romance Languages	1011 Monmouth Ave.
Bolen, Claude Waldron A.B., Emory and Henry College; A.M., Duke	History	103 House B
Calfee, John Douglas A.B., Park College; M.S., University of Tennessee	Chemistry	104 Urban Ave.
Crandall, Gilbert Albert A.B., St. John's College	History	104 House B
**Creegan, Robert Francis A.B., Marietta College	Philosophy	602 Buchanan Blvd.
Dale, William Pratt, II A.B., A.M., Duke	History	300 Monmouth Ave.
Fike, Cora Ruth A.B., Bridgewater College	Mathematics	215 Faculty Apts.
Foster, Hazel Elisabeth A.B., Hood College	Political Science	307 Faculty Apts.
Garner, Ralph Everett A.B., A.M., Nebraska Wesleyan	Psychology	114 Epworth

* Resigned Feb. 1, 1937.

** A.B. conferred June, 1937.

Giesey, Jean Campbell A.B., Barnard College; A.M., Columbia	Psychology	402 Buchanan Blvd.
Gilmer, Lula Jane A.B., College of William and Mary	Religion	108 Aycock
Hallowell, John Hamilton A.B., Harvard	Political Science	1000 Lamond Ave.
Harrison, Francis Eugene, Jr. B.S., The Citadel; A.M., Duke	Romance Languages	105 House C
Holder, Ray A.B., A.M., University of Mississippi	History	212 Watts St.
Jacobs, Donald Harry B.S., Rutgers	Physics	1004 Minerva Ave.
Johnson, Keith Whitaker A.B., University of Kansas	Economics	606 N. Gregson St.
King, James Ervin, Jr. A.B., Harvard	Political Science	1007 W. Markham Ave.
Lanckton, Arthur Leroy A.B., Amherst College	Mathematics	214 Epworth
Miller, William Long B.B.A., University of Chattanooga	Economics	333 Southgate
Nakamura, Junichi Hiroshima	English	806 Sixth St.
Oxford, Julia Mae A.B., Bessie Tift College; A.M., University of Georgia	Psychology	308 Faculty Apts.
Pratt, Lanier Ward A.B., Davidson College	Romance Languages	105 Epworth
Rawlings, Kenneth Winn A.B., Kentucky Wesleyan College; A.M., University of Kentucky	History	331 Southgate
Scovel, Jackson A.B., University of Oklahoma	Greek	1701 Club Blvd.
Singer, Armand Edwards A.B., Amherst College	Romance Languages	2102 Englewood Ave.
Stadthagen, Heinz A.B., Bethany College; A.M., Duke	Economics	222 Epworth
Steer, Alfred Gilbert, Jr. A.B., Haverford College	German	214 Epworth
Thomas, Mary Elizabeth A.B., A.M., University of Arkansas	History	306 Faculty Apts.
Tobin, Catherine Elizabeth A.B., College of Charleston	Latin	302 Faculty Apts.
Turquette, Atwell Rufus A.B., University of Arkansas	Mathematics	818 Sixth St.
White, Mary Rebecca A.B., Fairmont State Teachers College; A.M., Duke	Latin	204 Aycock
Wright, James Clyde A.B., Muskingum College	Psychology	1111 Urban Ave.

THE UNIVERSITY LIBRARIES

BRANSCOMB, BENNETT HARVIE, A.B., B.A., M.A., Ph.D. <i>Director</i>	Hope Valley
LAND, WILLIAM GOODFELLOW, A.B., A.M. <i>Assistant Director</i>	Hope Valley

GENERAL LIBRARY

BREEDLOVE, JOSEPH PENN, A.B., A.M. <i>Librarian</i>	407 Watts Street
MALONE, EVA EARNSHAW, A.B., B.S. <i>Assistant Librarian in Charge of Cataloguing</i>	
POWELL, BENJAMIN EDWARD, A.B., B.L.S. <i>Head of the Reference and Circulation Divisions</i>	1104 Watts Street
WILCOX, JEROME KEAR, B.A., B.S. in L.S., M.A. <i>Head of the Acquisition Division</i>	1308 College Road
<hr/>	
BOYD, MARY ELIZABETH, A.B., B.L.S. <i>Assistant in the Reference Division</i>	216 Faculty Apartments, East Campus
BURCH, VELLA JANE, A.B., A.M., A.B. in L.S. <i>Cataloguer</i>	316 North Elizabeth Street
BURCHETTE, KATHRYN, A.B., B.A. in L.S. <i>Cataloguer</i>	No. 5, Powe Apartments
COVINGTON, LENA, A.B. <i>Assistant in Acquisition Division</i>	1008 Monmouth Avenue
CREWS, SUDIE ELIZABETH <i>Assistant in Acquisition Division</i>	1004 W. Trinity Avenue
EVINS, SARAH ELFORD, B.S., B.A. in L.S. <i>Assistant in Charge of Exchange Catalogue</i>	216 Faculty Apartments
FAUCETTE, MARY ELIZABETH, A.B. <i>In Charge of Graduate Reading Room</i>	610 E. Trinity Avenue
FRAZIER, ROSE MARIE, A.B., B.S., B.M. <i>Cataloguer of Documents</i>	702 Buchanan Boulevard
GANTT, EVA GOLDIE, A.B. <i>Assistant in Acquisition Division</i>	520 S. Duke Street
GREEN, JANE, A.B., B.A. in L.S. <i>Assistant in Acquisition Division</i>	1004 W. Trinity Avenue
GUAGENTY, MARY CLEMENTINE, A.B. <i>In Charge of Chemistry Library</i>	1304 Broad Street
HEWITT, PEGGY STROWD, MRS., A.B. <i>Secretary to the Director</i>	406 Buchanan Road
HOBBS, SARAH BLANCHARD, MRS., A.B., B.S. <i>Cataloguer</i>	Powe Apartments, Buchanan Road
HIX, EDWIN JONATHAN, A.B. <i>Assistant in Circulation Division</i>	Chapel Hill Road, R. F. D. No. 1

- IZARD, MARGARET, A.B.
Assistant in Cataloguing Division Chapel Hill Road, R. F. D. No. 1
- JACOBSON, POLLY, A.B., B.A. in L.S.
Assistant in Cataloguing Division No. 6, Powe Apartments
- *JENSEN, EVELYN, B.S.
Cataloguer 216 Faculty Apartments, East Campus
- JOYNER, WILLIAM EPIE, A.B.
In Charge of Reserve Book-Room Duke Station
- KEEN, EUNICE, A.B., B.A. in L.S.
Cataloguer 411 Cleveland Street
- LINEBERRY, FOY, A.B., B.A. in L.S.
Cataloguer 702 Buchanan Boulevard
- LOOS, LOUISE, A.B.
Cataloguer 208 Faculty Apartments, East Campus
- MERRITT, GERTRUDE, A.B.
Assistant in Acquisition Division 2 Bickett Apartments
- MORGAN, KATHERINE, MRS., A.B.
In Charge of Physics Library 311 S. Alston Avenue
- MYERS, MILDRED FLORENCE, A.B., B.S. in L.S.
Cataloguer 704 Buchanan Boulevard
- NUERMBERGER, GUSTAVE ADOLPH, A.B., A.M., Ph.D.
Assistant in Reference Room
- NUERMBERGER, RUTH KETRING, MRS., A.B., A.M., Ph.D.
In Charge of Manuscripts Department
- OYLER, HELEN, A.B., B.S. in L.S.
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Assistant in Circulation Division 1204 B Street
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- **SEABOLT, RUTH, A.B.
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* Absent on leave, second semester, 1936-1937.

** Absent on leave, 1936-1937.

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WESCOTT, MARY, A.B., B.S. <i>First Assistant in Cataloguing Division</i>	1008 Monmouth Avenue
WHITE, KATHERINE ELINOR <i>In Charge of Biology Library</i>	313 Alspaugh House
WILKERSON, LULA HUNT, MRS. <i>Secretary to the Librarian</i>	813 Buchanan Road
WOODALL, EVA AVERY, A.B. <i>In Charge of School of Religion Library</i>	1003 Monmouth Avenue

WOMAN'S COLLEGE LIBRARY

GRIGGS, LILLIAN BAKER, MRS., B.A. in L.S. <i>Librarian</i>	1011 Dacian Avenue
BALDWIN, GRAYSON, A.B., B.S. <i>Chief in the Order Department</i>	904 Vickers Avenue
GRANT, ETTA BEALE, A.B., B.S. <i>Assistant Librarian in Charge of Cataloguing</i>	1008 Monmouth Avenue
HARRISON, EVELYN JENNINGS, A.B., B.S. in L.S. <i>Cataloguer</i>	806 Third Street
MONTGOMERY, MARGARET ELIZABETH, A.B. <i>Chief of the Reference and Periodical Departments</i>	205 Faculty Apartments, East Campus
RIGSBEE, CLARA WARD, A.B. <i>Chief in the Circulation Department</i>	1505 Duke University Road
SPENCE, MARY ELIZABETH, A.B. <i>Assistant Cataloguer</i>	806 Third Street
TUDOR, FRANCES, A.B. <i>Assistant in Circulation Department</i>	207 Watts Street

LAW LIBRARY

ROALFE, WILLIAM ROBERT, LL.B. <i>Librarian</i>	1009 Lakewood Avenue
COVINGTON, MARY SIMMONS, A.B., LL.B. <i>Research Librarian</i>	Faculty Apartments
DAY, KATHERINE, B.S. <i>Assistant Cataloguer</i>	1 Bickett Apartments

* Resigned Feb. 1, 1937.

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Head Cataloguer 1008 Monmouth Avenue

WALKER, ANNIE CARPENTER, MRS.
Secretary to the Librarian 2121 West Pettigrew Street

MEDICAL SCHOOL LIBRARY

FARRAR, JUDITH, A.B., B.L.S.
Librarian 177 Faculty Apartments, East Campus

UNIVERSITY CHAPEL

HICKMAN, FRANKLIN SIMPSON, A.B., A.M., S.T.B., Ph.D.
Preacher to the University Buchanan Road

RUSSELL, ELBERT, A.B., A.M., Ph.D.
Preacher to the University 811 Vickers Avenue

BARNES, JAMES FOSTER, A.B., A.M.
Director of Choral Music 703 Watts Street

BREES, ANTON
University Carillonneur 1308 College Road

BROADHEAD, EDWARD HALL, A.B., A.M.
University Organist 1001 Watts Street

CUNINGGIM, AUGUSTUS MERRIMON, A.B., B.A. (Oxon.), A.M.
Acting Director of Religious Activities West Campus

PHYSICAL EDUCATION AND STUDENT HEALTH

SPEED, JOSEPH ANDERSON, M.D.
Director of Student Health 913 Dacian Avenue

THOMAS, JUNE BURTON, A.B., M.D.
Physician, Woman's College

WADE, WALLACE, A.B.
Director of Physical Education, Trinity College West Campus

GROUT, JULIA REBECCA, A.B., M.S.
Director of Physical Education, Woman's College
 104 Faculty Apartments, East Campus

SOCIAL AND MUSICAL ACTIVITIES

BARNES, EVELYN, A.B.
Assistant Social Director of the Woman's College,
Head of Alsbaugh House Alsbaugh House

BARNES, JAMES FOSTER, MRS.
Director of the Woman's College Musical Clubs 703 Watts Street

CHAFFIN, NORA CAMPBELL, A.B., A.M.
Head of Bassett House Bassett House

*CHAMBERLAIN, HOPE SUMMERALL, MRS., Litt.D.
Head of Pegram House Pegram House

* Resigned June 1, 1937.

FEARING, ROBERT BEVERIDGE <i>Director of the College Orchestras and Band</i>	703 Watts Street
KESTLER, MARY, A.B., A.M. <i>Head of Jarvis House</i>	Jarvis House
MEADE, MARY E., A.B. <i>Head of Aycock House</i>	Aycock House
PEMBERTON, MARY NORCOTT, MRS. <i>Hostess, West Campus Union</i>	Kilgo Quadrangle, West Campus
TAYLOR, HARRIET, MRS. <i>Head of Giles House</i>	Giles House
UPCHURCH, WALTER MCGOWAN, JR., A.B., LL.B. <i>Financial Adviser, Student Activities</i>	Faculty Apartments

UNDERGRADUATE INSTRUCTION

(Trinity College and the Woman's College)

AND

MISCELLANEOUS INFORMATION

1936-1937

ANNOUNCEMENTS FOR 1937-1938

THE COLLEGES

Duke University offers in Trinity College and the Woman's College three academic degrees for undergraduate work: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Civil, Electrical, or Mechanical Engineering. Ten groups of studies lead to the degree of Bachelor of Arts, and three groups of studies lead to the degree of Bachelor of Science. These groups are designated by Roman numerals in the order in which they are described. For a description of these groups, see the section elsewhere in this catalogue under the topic "Groups of Studies for the Degree of Bachelor of Arts."

TRINITY COLLEGE

Trinity College is the undergraduate college of arts and sciences for the men of Duke University and is situated on the West Campus along with the Graduate School of Arts and Sciences, the School of Law, the School of Medicine, and the School of Religion. The Division of Engineering is situated on the East Campus, apart from the Woman's College.

THE WOMAN'S COLLEGE OF DUKE UNIVERSITY

The Woman's College of Duke University is a college of arts and sciences within the University which provides for the instruction of undergraduate women as Trinity College provides for the instruction of undergraduate men. It is the aim of the College to make it possible for a woman to take all of her work, if she so wishes, on the woman's campus. However, all courses in the University are open to qualified women students, and they may enter courses given on the West Campus which are not given on the East.

THE LIBRARIES

The Library resources of the University total 452,444 volumes and approximately 385,536 manuscripts. Fifty-five domestic and twenty foreign current newspapers, in addition to 2,400 current periodicals and journals, are received.

ADMISSION TO COLLEGE

GENERAL REGULATIONS

Admission to Trinity College and to the Woman's College of Duke University is on a selective basis, dependent upon the ability, attainments, and character of the applicant. No student is admitted until the Council on Admissions has received for him a scholastic record from school or college, a certificate of vaccination and of good health, and satisfactory evidence of good character and ability.

UNITS OF ADMISSION

The academic requirements for admission are defined in terms of units. A unit of credit is allowed for a subject of study pursued throughout an academic year at an accredited secondary school, if the course has demanded five recitations a week and the prescribed amount of work has been completed satisfactorily. Credit for fifteen units is required for admission.

The subjects in which this credit may be offered and the maximum amount of credit acceptable in each subject are given in the following table:

UNITS		UNITS	
English	4	History and Social Studies	4
Latin	4	Physics	1
Greek	3	Chemistry	1
German	3	Art	1
French	3	Music	1
Spanish	3	Economics	1
Mathematics	4	Botany	1
Zoology	1	Mechanical Drawing	2
General Biology	1	Woodworking, Forging, and	
Physical Geography	1	Machine Work	2
General Science	1	Household Economics	2
Sociology	1	Commercial Subjects	3
Agriculture	2		

For a detailed explanation of the units in the table above, see the definitions as set forth by the Southern Association of Colleges and Secondary Schools and other regional associations.

ADMISSION BY CERTIFICATE

Applicants able to submit certificates of proficiency from accredited schools in subjects accepted for admission to the Freshman Class will be admitted without examination. These certificates must be properly made out on the regular blanks furnished by the University, signed by the principal of the school from which the applicant comes, and presented before or at the opening of the academic year. The applicant must have completed the course of the school from which he comes.

At least twelve of the fifteen units required for admission must come from the following:

	UNITS		UNITS
English	3 to 4	Science	1 to 4
Mathematics	2 to 4	Foreign Language	2 to 6
History and Social Studies ..	1 to 4		

These twelve units must include three in English and two in mathematics. The units in mathematics must include algebra through quadratics and plane geometry.

The three additional units necessary to make the required fifteen may come from the list above or from the larger table of units of admission.

ADMISSION BY EXAMINATION

Students who present fifteen units for admission from schools not accredited by the University, are required to validate their units by entrance examinations and such other tests as the University may prescribe.

Students who have not the required units in English or in mathematics but who are otherwise acceptable must, before admission, clear this deficiency by examinations.

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing from other approved institutions under the following conditions: all applicants must have fulfilled the equivalent of the requirements for admission to the Freshman Class, must present official certificates of all work done in other institutions, and have honorable dismissal from the institutions they previously attended.

Applicants for advanced standing should present, so far as possible, subjects corresponding to those required at Duke University. Students admitted to advanced standing may not during their first semester elect more than the minimum number of hours required of the class which they enter except by permission of the Dean. Further, in addition to other requirements, a minimum of one full year in residence at Duke University with the satisfactory completion of at least thirty semester-hours of work approved for Seniors, with an average grade of "C," is required of all candidates for the Bachelor's degree.

Students enrolling for the Bachelor's degree who transfer from junior colleges or from four-year colleges not affiliated with the Southern Association, or a similar regional association, are under all circumstances required to continue for at least one semester in Trinity College and in the Woman's College the foreign language they present for minimum graduation requirements.

Students who have transferred from junior colleges or from four-year colleges not affiliated with the Southern Association, or a similar regional association, must present laboratory notebooks in all science courses that are offered for advanced credit.

Students who have transferred from other colleges must, in order to make their provisional classification final, pass during their first year of residence not less than the equivalent of four year-courses with an average grade of "C" or higher.

FRESHMAN WEEK

The week immediately preceding the opening of college is set aside for the induction of Freshmen. During this period health examinations, psychological tests, and placement tests are given, on the basis of which Freshmen are sectioned in English, mathematics, and foreign languages. The Freshmen are divided into groups for instruction in the use of the Library, in the regulations of the student body, and in all matters pertaining to the adjustment of the individual to the new environment. Attendance upon these exercises is required of all Freshmen.

SPECIAL STUDENTS

Students of mature age may, upon approval by the Dean, be admitted as special students and allowed to enroll for such work as they are prepared to carry.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

GENERAL REGULATIONS

The requirements for the degree of Bachelor of Arts are designed to give the students such training in certain fundamental subjects as is essential for intelligent, educated citizens. The requirements also provide the opportunity for as wide an election as possible from courses of study which are both interesting and practically helpful in connection with vocations the students plan later to pursue.

Credit for one hundred and twenty-two semester-hours, on which an average grade of "C" must be made, is required for the degree of Bachelor of Arts in all groups. In addition to these requirements all candidates for the Bachelor of Arts must complete, with an average grade of "C" or better, physical education to the equivalent of six semester-hours. In Trinity College the physical education requirement is completed by the end of the Sophomore year; in the Woman's College, by the end of the Junior year.

The Faculty has authorized the groups of studies below for the guidance of students in selecting the work required for graduation. A student is free to choose any group he may desire. The several groups are designed to be of special value in a chosen profession and at the same time to provide a well-balanced course of study. With the approval of the Dean a student may at any time transfer from one group to another. In such transfers, work done in one group and not prescribed in the other will count as general elective credit, but all work prescribed in the new group must be completed before the student can be graduated.

No student is permitted to take less than fourteen semester-hours of work without special permission from the Dean; to take more than the normal load of work (fourteen to seventeen semester-hours) unless his average grade in the preceding semester is higher than "C"; or, under any conditions, to take more than nineteen semester-hours of work, exclusive of required physical education.

SPECIAL REGULATIONS

The following special rules applying to the selection of courses are authorized by the Faculty:

The total amount of work that a student may take in any one department toward the Bachelor of Arts degree is limited to a maximum of thirty-six semester-hours; with the exception that a student whose principal work is in the Departments of English, Economics, or Romance Languages may be permitted to take additional work in sub-departments not to exceed a total in the department and the sub-departments of fifty-four semester-hours.

Candidates for the degree of Bachelor of Arts whose courses of study permit may elect work from the following subjects: engineering, not to exceed eighteen semester-hours; forestry, not to exceed eighteen semester-hours. The courses elected in these departments must be those approved by the Council on Undergraduate Instruction as appropriate for the Bachelor of Arts degree and published in the *Bulletin of Undergraduate Instruction*. The classification of these courses, as they affect divisions of concentration and restricted electives, is left to the student's major adviser and to the Dean.

No Senior may take for graduation credit any course primarily open to Freshmen; and no Junior may take for graduation credit more than one course primarily open to Freshmen. A list of these courses is published in the *Bulletin* under "Courses of Instruction."

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Arts in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

MINIMUM UNIFORM REQUIREMENTS FOR ALL GROUPS

The following requirements are authorized for all groups:

	S.H.
English Composition*	6
Natural Science**	8
Economics, History, or Political Science***	6
Religion	6

In addition to the above requirements, at least the third college year of a foreign language must be completed.****

Of these minimum requirements, at least three courses, including English and foreign language, should be taken in the Freshman year, and all of them, except foreign language and religion, by the end of the Sophomore year.

The courses primarily open to Freshmen and the courses that will satisfy the requirements in history, science, and religion are listed under "Courses of Instruction."

* This requirement is normally met by the completion of English 1 and 2 or 4. However, a Freshman who satisfies the Department of English of his superior ability in composition may substitute another English course for the normal requirement.

** A student who does not present for entrance an acceptable unit of science must take sixteen semester-hours of science for graduation.

*** A student who does not present for entrance two acceptable units of history (exclusive of other social science work) must take history as his required work; otherwise, he may fulfill this requirement in any one of the three subjects.

**** Students who begin their language requirements in college are expected to follow the sequence of courses laid down by the department whose work they take and can omit only such course or courses as may be approved both by the department and the office of the Dean. Students who are granted the privilege of completing their language requirement by taking only six semester-hours in college must first pass, with at least a grade of "C," a special examination covering the work of the second college year. In addition, they must make at least an average of "C" on the work of the third college year. If a Freshman presents for entrance four units of Latin, he may satisfy his language requirement by taking either two years of Latin or two years of Greek.

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF ARTS

GROUP I

GENERAL

This group is based on the traditional requirement for the degree of Bachelor of Arts. Students who choose it must complete the minimum uniform requirements for graduation; forty-two semester-hours in a division of concentration, exclusive of courses open primarily to Freshmen (in the Division of the Natural Sciences a maximum of eight hours of Freshman work is permitted in the forty-two hours mentioned above); twelve semester-hours of restricted electives in the other divisions; and free elective work sufficient to complete, with an average grade of "C," the one hundred and twenty-two semester-hours necessary for graduation. The departments of instruction, for purposes of concentration, are grouped in three divisions:

Humanities: English, Fine Arts, German, Greek, Latin, Music, Philosophy, Romance Languages.

Social Science and History: Economics, Political Science, Education, History, Religion, Sociology.

Mathematics, Psychology, and Natural Science: Botany, Chemistry, Geology, Mathematics, Physics, Psychology, Zoology.

The forty-two semester-hours in the division of concentration must be distributed as follows: eighteen to twenty-four semester-hours in a major department and eighteen to twenty-four semester-hours in at least two other departments of the same division with a minimum of six semester-hours in each department. The minimum number of hours required by the department for a major shall not include any course open primarily to Freshmen. Introductory courses above the Freshman level are to be counted or not at the discretion of the department concerned.

For purposes of concentration certain courses listed in the same department are considered as being in different departments; namely, courses in French, Italian, and Spanish. Likewise, courses in economics and business administration are reckoned as being in different departments. Also, a student taking his major work in English literature may count courses in English composition, dramatic technique, or public speaking as part of his related work in the same division.

The twelve semester-hours of restricted electives must be taken in one or both of the divisions not chosen for concentration, with a minimum of six semester-hours in any one department of these divisions.

The remaining hours necessary for graduation, after the minimum uniform requirements, the division of concentration, and the restricted electives are satisfied, are open as free electives.

GROUP II

BUSINESS ADMINISTRATION

This group is designed for students who enter college with the purpose of engaging in some form of business activity after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Economics 11, Mathematics 3-4.
 Sophomore Year: Economics 51-52, 57-58, Political Science 61-62.
 Junior Year: Economics 143, 138.*
 Senior Year: Economics 181-182, 203-204.

In addition to the courses specified above, a student in this group must elect twenty-one semester-hours from other courses in the Department. Six semester-hours of this elective work shall be selected from courses in the two-hundred group offered for Seniors and Graduates. With the permission of the Head of the Department students planning to take the examination to qualify as a Certified Public Accountant may be released from this requirement.

All elective work in Economics must be approved in writing by some instructor offering advanced work in the Department.

GROUP III

RELIGION

This group is designed for students who plan to enter the ministry or other religious work as a vocation after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Religion 1-2.
 Sophomore Year: Religion (6 hours), Economics 51-52 or Political Science 61-62, English Literature (6 hours).
 Junior Year: Religion (6 hours), Psychology 101 and either Psychology 102 or Philosophy 104.
 Senior Year: Religion** (12 hours), Sociology (6 hours), Philosophy (6 hours).

GROUP IV

PRE-MEDICAL

Students qualifying for college graduation in this group must complete, in addition to the minimum uniform requirements, forty-two semes-

* With the permission of the Department, students specializing in accounting may substitute for this course one in that subject.

** Not more than six semester-hours of electives may be taken in the Department of Religion.

ter-hours in a division of concentration (subject to the regulations of the General Group), twelve semester-hours of restricted electives in one or both of the other divisions with at least six semester-hours in one department, and certain specific requirements as noted below. These specific requirements may count as part of the divisional concentration (if the division of concentration is the Natural Sciences) or they may count as restricted electives if another division of concentration is chosen. The foreign language should be German or French, preferably the former and including German 107-108.

The following arrangement of the specific requirements in sciences is suggested:

Freshman Year: Chemistry 1-2, Zoology 1-2, Mathematics 3-4.

Sophomore Year: Chemistry 61-70, Physics 51-52.

Junior Year: Chemistry 151-152.

GROUP V

COLLEGE TEACHING

This group is designed for students who plan to do work in a graduate school and teach in college. The required work consists of the minimum uniform requirements and the work specified below:

French and German through the second year of college work.* Since one of these languages may be taken through the third year of college work to satisfy the minimum uniform requirements, only the one not taken thus must be chosen to meet the conditions of this group.

Twenty-four semester-hours of work in the major subject, exclusive of work in the subject offered primarily for Freshmen; twelve semester-hours of work in related subjects approved by the student's Departmental Adviser; twelve semester-hours in education, philosophy, and psychology, or in any one, not including any courses in secondary or elementary school methods.

Elective work, not to be taken in the major department, sufficient to complete the one hundred and twenty-two semester-hours necessary for graduation.

At least twelve semester-hours of the work taken in the Senior year must be in courses open only to Seniors and Graduates.

GROUP VI

PUBLIC SCHOOL TEACHING

This group is designed for two classes of students: (A) those who plan to teach in secondary schools; (b) those who plan to teach in elementary schools.

The required work consists of the minimum uniform requirements and the requirements listed under one of the classes below, according as

* Greek or Latin may be substituted for either French or German.

the student expects to teach in a secondary school or in an elementary school.

CLASS A: SECONDARY SCHOOL TEACHING

Students in this class are required to take:

Eighteen semester-hours in education, of which three semester-hours may be in general psychology. The work in education must include three semester-hours in directed observation and practice teaching, three semester-hours in educational psychology, and three semester-hours in secondary education.

Six semester-hours, three each, in materials and methods, in two fields of high-school teaching.

Work in the subject matter of the two subjects the student intends to teach, sufficient to satisfy the minimum requirements as listed in the table below:

English, twenty-four semester-hours, to include the six of required work in composition, six in English literature, and six in American literature.

French, eighteen semester-hours, based on the usual two units for admission.

German, Spanish, and Greek, the same requirements as for French.

History, eighteen semester-hours, including six each in American, ancient and medieval, and modern European history, and six semester-hours of economics or political science. It is recommended to prospective teachers of history and related subjects that they take elective work in sociology, geography, and at least a semester each in economics and political science.

Latin, eighteen semester-hours based on the traditional four units for admission.

Mathematics, fifteen semester-hours.

Physical Education, twelve semester-hours.

Science, thirty semester-hours, including elementary courses in biology, chemistry, physics, and geography or geology.

A student may prepare to teach only one high-school subject by taking a major of twenty-four semester-hours in that subject (physical education excepted) in addition to the general required work in Class A, the required work in education and psychology, and the specifically required work in directed observation and materials and methods in the subject chosen.

Elective work sufficient to complete the one hundred and twenty-two semester-hours for graduation. It is recommended that the elective work be chosen in the two subjects the student is preparing to teach and in the Division of Social Science, provided the total amount of work taken in any department may not exceed the total allowed in Group I.

Students who are preparing to teach are warned to read carefully the certification rules of the state in which they are going to teach and to advise fully with the Dean before electing courses in subjects they are preparing to teach. They are further warned to take their professional courses in the order outlined by the Department of Education, reserving for their Senior year courses in materials and methods and in directed observation and practice teaching.

At least twelve semester-hours of the work in the Senior year must be in courses open only to Seniors or to Seniors and Graduates.

CLASS B: ELEMENTARY SCHOOL TEACHING

Students in this class conform to the general requirements of Group I. Education is treated as a major department, and the Social Science Division as the division of concentration. In addition to the general requirements of Group I, the following specific requirements must be met:

	S.H.
English	3 or 6
American History and Government	6 or 9
Geography	6
Physical Education and Hygiene	6

These special requirements are reckoned in each case as a part of the appropriate division of concentration. The student in Class B should take Education 8 in the first semester of his Freshman year and advise with the Department as to an appropriate course for the spring semester. In all other particulars his course follows the General Group for the first year.

The following arrangement of courses is recommended for Freshmen entering the Teaching Group. The work for the following years will be arranged by the Department of Education.

FRESHMAN YEAR

	S.H.
English	6
Foreign Language	6
Science	8
History or elective*	6
Education or elective**	6
	<hr/> 32

GROUP VII

PRE-LEGAL

This group is designed for students who expect to study law after graduation. The required work consists of the minimum uniform requirements*** and the courses specified below.

The following arrangement of specified courses is recommended:

Freshman Year: Introductory Course in History (1-2 if taken in the Freshman year or 51-52 if taken thereafter).

Sophomore Year: Economics 51-52, Political Science 61-62.

* History is an alternate with economics or political science in the minimum requirements when the student presents two units of history for admission.

** Students in Class B should take Education 8 the first semester and follow it with the course approved by the Department of Education the second semester; students in Class A follow the same plan or take any of the electives authorized for the General Group.

*** When there is overlapping, the minimum uniform requirements are accepted as a part of the special requirements in this group.

- Junior Year: Economics 143, History 123-124, Psychology 101, and either English 151 or 152.
 Senior Year: Six semester-hours of Economics from courses approved for Seniors.

The electives should be chosen largely from the work offered by the following departments: Philosophy, Sociology, Economics, History, Psychology, and Political Science. The total work (required and elective) in any one department may not exceed thirty semester-hours.

At least twelve semester-hours of the electives in the Senior year must be Senior-Graduate courses.

GROUP VIII

SOCIAL SERVICE

This group is designed for students who purpose after graduation to pursue professional studies in order to engage in practical social welfare work, such as family welfare, child welfare, public welfare, probation and parole, and similar forms of neighborhood and community work. The required work consists of the minimum uniform requirements and the courses specified below. Zoology is recommended for the required course in science.

The following arrangement of specified courses is recommended for students electing this group:

- Freshman Year: History 1-2.
 Sophomore Year: Economics 51-52, Sociology 91-92 or Sociology 101.
 Junior Year: Philosophy (6 hours), Political Science (6 hours), Psychology 101, Sociology (6 hours).
 Senior Year: Economics (6 hours), Psychology (6 hours), Sociology (6 hours).

The electives should be chosen mainly from history, economics, political science, education, sociology, philosophy, psychology, and religion.

The subjects required for the Junior and Senior years may be transposed according to the courses available in any particular year.

GROUP IX

ACADEMIC-LAW COMBINATION

Students in either of the Liberal Arts Colleges of Duke University may complete in six years a combined course whereby they will receive their academic degree and also the degree of Bachelor of Laws. This arrangement is made possible under the following recommendations of the Faculty of the Arts Colleges:

Students who have completed with not less than a "C" average at least ninety-six semester-hours of undergraduate work, including both the minimum uniform and the specific requirements, in the Pre-Legal Group of studies in Duke University may on the approval of the Dean of the undergraduate college transfer to the Law School of Duke University and become eligible for the Bachelor's degree on the satisfactory com-

pletion of the full twenty-six semester-hours of work of the first-year class in this school.

It is understood that this provision shall apply solely to eligible Duke University undergraduates, and that not less than the full first-year's work of the Law School will be acceptable for credit towards the Bachelor's degree.

GROUP X

HONORS

Purpose: Students who have revealed their desire and demonstrated their ability to do a type of intellectual work higher than that normally required for the liberal arts degree may apply to read for Honors during their last two college years. The aim of the Honors studies is to permit qualified undergraduates to attain a knowledge, both comprehensive and intensive, of a particular field, or fields, under conditions most stimulating to individual initiative and independence.

Departmental and Divisional Honors: At present two distinct kinds of Honors work are available to qualified undergraduates: (1) departmental and (2) divisional. Several of the departments offer a Departmental Honors course, administered in each case by a Departmental Committee. It consists of tutorial and course work in the major department, combined with course work in related departments. The Divisional Honors course provides a means for the correlation of three subjects, one major and two minors, within a division of concentration (e.g., the Humanities and the Social Sciences) and is administered by a Divisional Committee. It consists of Honors readings with seminarial guidance and instruction largely or wholly independent of courses. The standard of achievement in both plans is the comprehensive examination at the end of the Senior year.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

GENERAL REGULATIONS

The general regulations governing the requirements for the degree of Bachelor of Science are the same as those for the degree of Bachelor of Arts.

SPECIAL REGULATIONS

The following special rules applying to the selection of courses are authorized by the Faculty:

The total amount of work that a student may take in any one department toward the Bachelor of Science degree is limited to a maximum of thirty-six semester-hours; provided that a student whose principal work is in a department containing several sub-departments is permitted to take additional work in sub-departments not to exceed a total in the department and the sub-departments of fifty-four semester-hours.

No Senior may take for graduation credit any course primarily open to Freshmen; and no Junior may take for graduation credit more than one course primarily open to Freshmen. A list of these courses is published in the *Bulletin* under "Courses of Instruction."

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Science in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

MINIMUM UNIFORM REQUIREMENTS FOR ALL GROUPS

The following requirements are authorized for all groups:

	S.H.
English Composition*	6
Natural Science**	16
Economics, History, or Political Science***	6
French**** (second college year)	6-12
German**** (second college year)	6-12
Mathematics	6
Religion	6

* This requirement is normally met by the completion of English 1 and 2 or 4. However, a Freshman who satisfies the Department of English of his superior ability in composition may substitute another English course for the normal requirement. If a student fails to pass English 1-2 with a grade of "C" or better, he must complete three additional semester-hours of composition.

** All candidates for the degree of Bachelor of Science must complete eight semester-hours in each of two elementary sciences.

*** A student who does not present for entrance two acceptable units of history (exclusive of other social science work) must take history as his required work; otherwise, he may fulfill this requirement in any one of the three subjects.

**** All candidates for the degree of Bachelor of Science must complete at least the second year of both college French and college German or their equivalent as determined by examination.

Of these minimum requirements, at least three courses, including English and foreign language, should be taken in the Freshman year, and all of them, except foreign language and religion, by the end of the Sophomore year.

The courses primarily open to Freshmen and the courses that will satisfy the requirements in history, science, and religion are listed under "Courses of Instruction."

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE

GROUP I

GENERAL

Students who choose this group are required to complete the minimum uniform requirements for graduation; forty-eight semester-hours in the Division of Mathematics, Psychology, and Natural Science, of which not less than twenty-four nor more than thirty-two semester-hours may be taken in a major department (the hours prescribed in the major department may not include a course primarily open to Freshmen); and free elective work sufficient to complete, with an average grade of "C," the one hundred and twenty-two semester-hours necessary for graduation.

The student's major work must be in botany, chemistry, forestry, geology, mathematics, physics, psychology, or zoology.

Attention is called here to a special regulation governing all groups leading to the Bachelor of Science degree which limits the amount of work a student may take in any one department to a maximum of thirty-six semester-hours, with the proviso that a student whose principal work is in a department containing any approved sub-departments is permitted to take additional work in sub-departments not to exceed a total in the department and the sub-departments of fifty-four semester-hours.

GROUP II

PRE-FORESTRY

This group of studies is designed for students who intend to pursue the study of forestry, particularly as a profession. In addition to the one hundred and twenty-two semester-hours required for graduation with the general B.S. degree, students in this group must at the end of their Junior year take ten weeks of summer field work as outlined below. They must also present at least two units in either French or German before being admitted to candidacy within the Group and are advised, if possible, to present two units each in French and German. They must also take elementary economics as their required work in the social studies, and are therefore advised to present two high-school units in history.

Upon the satisfactory completion of this program of work, it should be possible to obtain in one additional year the Master of Forestry degree from most professional schools of forestry. Work in technical forestry

leading to professional degrees is not now available in the University, although students who have had specialized training in technical forestry or in allied sciences may pursue graduate work in forestry leading to the Master of Arts and Doctor of Philosophy degrees (see *Bulletin on Forestry*).

The following arrangement of courses is recommended for students electing this group:

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Botany 1	4	Botany 2	4
Physics 1	4	Physics 2	4
English 1	3	English 2	3
Foreign Language	3	Foreign Language	3
	<hr/>		<hr/>
	14		14

Sophomore Year

Chemistry 1	4	Chemistry 2	4
Mathematics 1	3	Mathematics 2	3
Geology 51	4	Botany 52	4
Engineering Drawing 1	2	Engineering Drawing 2	2
Foreign Language	3	Foreign Language	3
	<hr/>		<hr/>
	16		16

Junior Year

Botany 151	4	Botany 156	4
Forestry 153	4	Forestry 52	2
Economics 51	3	Economics 52	3
Foreign Language	3	Foreign Language	3
Religion	3	Religion	3
	<hr/>		<hr/>
	17		15

Summer Field Work: 10 weeks to include Civil Engineering S110 (Plane Surveying), 3 s.h.; Forestry S150 (Forest Surveying), 3 s.h.; Forestry S151 (Forest Mensuration), 4 s.h., which are required for further work in forestry

Senior Year

Engineering 111	2	Forestry 224	4
Forestry 261	4	Forestry 258	4
Forestry 255	4	Forestry 264	4
Forestry (Elective)	4	Forestry (Elective)	4
	<hr/>		<hr/>
	14		16

All elective courses must be selected in consultation with the Forestry Staff.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GENERAL STATEMENT

The studies for the degree of Bachelor of Science in Civil, Electrical, or Mechanical Engineering are designed for students who are preparing for civil, electrical, or mechanical engineering, as a profession, and lead to the following degrees: B.S. in C.E., B.S. in E.E., and B.S. in M.E.

Each of these degrees requires one hundred and thirty-eight semester-hours of work of which one hundred and twenty-two must be completed with an average grade of "C." Six semester-hours of electives must be taken in the Departments of Economics or of Political Science. If a foreign language is elected, it must be taken two years unless a student has sufficient entrance credits to enable him to pursue a more advanced course.

Prospective students in engineering should note that immediately after the final Freshman examinations in May or June they are required to attend a three-weeks course in plane surveying given under the direction of the Summer School.

ADMISSION TO ENGINEERING COURSES

An applicant for admission to the Freshman Class in engineering must have completed at least fifteen units of preparatory work, partly in required and partly in elective subjects. A unit represents a year of work in a subject in an accredited secondary school, provided the work done in that subject is approximately one-fourth of the annual amount of work regularly required in the school.

At least nine and one-half of the fifteen units required for admission must come from the following:

Required Units

English	3 units
A Foreign Language	2 units
*Science	1 unit
History	1 unit
†Algebra	1½ or 2 units
Plane Geometry	1 unit

Elective Units

In addition to the above required units, sufficient elective units must be offered to make a total of fifteen. It is recommended that these electives be chosen from the following list:

†Algebra (College Board "B")	½ unit
Solid Geometry	½ unit

* Wherever possible, physics or chemistry should be offered for this requirement.

† Examination required to validate offering.

*Trigonometry	½ unit
†German, French, Latin, Spanish, or Greek	1 to 4 units
History or Civics (not the required unit)	1 to 3 units
Physics, Chemistry, or Biology (not the required unit)	1 to 2 units

For other elective units, see the list of elective units acceptable for the A.B. degree.

Due to lack of uniformity in various states as to the subject matter covered by the various units in algebra and the consequent variation in the work done by Freshmen in advanced algebra, it has become necessary to adopt the College Entrance Examination Board's definition of these units and to require each prospective student to take a placement examination in algebra during Freshman Week. Students who validate by examination one and one-half units (algebra through quadratics, binominal theorem, and progressions) which are offered for admission or two units (algebra through quadratics, binominal theorem, progressions, simultaneous equations in three unknowns, graphs, exponents and radicals, and logarithms) will be placed in Mathematics 9-10 (5 hours a week, each semester). Those who validate by examination only one unit of the offering in algebra (i.e., to quadratics) will be placed in Mathematics 11-12 (6 hours a week, each semester). Those who do not validate by examination at least one unit of their offering in algebra will not be allowed to pursue a course in engineering. Certificates from the College Entrance Examination Board (431 W. 117th Street, New York) will be accepted in lieu of the placement examination. Prospective students may gain a general idea of the type of examination to be given here from old examinations of the College Board published by Ginn and Company, New York.

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GROUP I

CIVIL ENGINEERING

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 2-6	3
Physical Education		Physical Education	
	15		15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

* Examination required to validate offering.

† One elective unit in any of the above languages will be accepted for admission provided the language requirement has been satisfied without it. As many as four units will be accepted in any one of these languages.

Sophomore Year

Mathematics 55	4	Mathematics 100	4
Physics 57	5	Physics 58	5
Surveying 11	2	Mechanics 8	5
Highways 15	3	Elective (Restricted)	3
Elective (Restricted)	3	Physical Education	
Physical Education			
	<hr/> 17		<hr/> 17

Junior Year

Strength of Materials 107	4	Hydraulics 108	4
Curves and Earthwork 113	2	Curves and Earthwork 114	2
Structures 131	4	Structures 132	4
Highways 117	2	Materials 118	2
Engineering, Elective	3	Engineering, Elective	3
Elective	3	Elective	3
	<hr/> 18		<hr/> 18

Senior Year

Hydraulic Eng. 123	4	Hydraulic Eng. 124	4
Concrete 133	3	Concrete 134	3
Railroads 119	3	Railroads 120	2
Seminar 137	1	Astronomy 112	2
Electives	6	Seminar 138	1
	<hr/> 17	Electives	<hr/> 6
			18

GROUP II**ELECTRICAL ENGINEERING***Freshman Year*

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 4-6	3
Physical Education		Physical Education	
	<hr/> 15		<hr/> 15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

Sophomore Year

Physics 57	5	Physics 58	5
Mathematics 55	4	Mathematics 100	4
Steam Engineering 85	2	Mechanics 8	5
Mechanism 81	2	Electrical Engineering 92	3
Electrical Engineering 91	3	Physical Education	
Physical Education			
	<hr/> 16		<hr/> 17

Junior Year

Theory of D. C. Circuits 151	3	Theory of A. C. Circuits 152	3
Electrical Circuits Laboratory 161	1	Electrical Circuits Laboratory 162	1
Strength of Materials 107	4	Electrical Measurements 104	3
Differential Equations 231	3	Hydraulics 108	4
Thermodynamics 187	3	Thermodynamics 188	3
M. E. Laboratory 199	1	M. E. Laboratory 200	1
Elective	3	Elective	3
	<hr/> 18		<hr/> 18

Senior Year

D. C. Machinery 155	2	A. C. Machinery 258	3
D. C. Mach. Laboratory 163	1	Elec. Power Stations 158	3
A. C. Machinery 257	3	Communication 262	4
Elec. Power Transmission 159 ..	3	Seminar 166	1
Communication 261	3	Elective	6
Seminar 165	1		
Elective	6		
	<hr/> 19		<hr/> 17

GROUP III

MECHANICAL ENGINEERING

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
	S.H.		S.H.
Chemistry 1	4	Chemistry 1	4
English 1	3	English 2	3
Mathematics 9 or 11	5	Mathematics 10 or 12	5
Drawing 1-5	3	Drawing 4-6	3
Physical Education		Physical Education	
	<hr/> 15		<hr/> 15

Three weeks of Surveying 10 in summer. Credit, 3 semester-hours.

Sophomore Year

Mathematics 55	4	Mathematics 100	4
Physics 57	5	Physics 58	5
Mechanism 81	2	Mechanics 8	5
Steam Engineering 85	2	Constructive Processes 80	1
Constructive Processes 79	1	Elective (Restricted)	3
Elective (Restricted)	3	Physical Education	
Physical Education			
	<hr/> 17		<hr/> 18

Junior Year

Strength of Materials 107	4	Machine Design 170	3
Hydraulics 108	4	Thermodynamics 188	3
Thermodynamics 187	3	Inter. Comb. Eng. 197	3
M. E. Laboratory 189	2	M. E. Laboratory 190	2
Electrical Engineering 153	3	Electrical Engineering 154	3
Elective	3	Elective	3
	<hr/> 19		<hr/> 17

Senior Year

Machine Design 171	3	Industrial Eng. 192	3
Power Plants 191	3	M. E. Laboratory 194	2
M. E. Laboratory 193	2	Refrigeration 196	2
Heating and Ventilation 195	2	Aeronautics 198	3
Seminar 137	1	Seminar 138	1
Electives	6	Electives	6
	<hr/> 17		<hr/> 17

COURSES OF INSTRUCTION

Note: Courses primarily for Freshmen are numbered from 1 to 49; those primarily for Sophomores are numbered from 50 to 99; those primarily for Juniors and Seniors from 100 to 199; those primarily for Seniors and Graduates from 200 to 299. The amount of credit for each course is given in semester-hours following the description of the course.

Odd-numbered courses are offered in the fall semester, and even-numbered courses are offered in the spring semester. Double numbers indicate that the course is a year course and must be continued throughout the year if credit is received.

The description of courses in this General Bulletin is condensed. A full description of courses is given in the Bulletin of Undergraduate Instruction. Prospective students are advised to consult the latter bulletin.

COURSES OPEN PRIMARILY TO FRESHMEN

Botany 1-2	History 1-2
Chemistry 1-2	Latin 1-2, 3, 4, 15, 16, 41, 42
Economics 11	Mathematics 1-2, 3-4, 7, 9-10, 11-12, 16
Education 4, 8	Physics 1-2
English 1-2	Political Science 21-22
Fine Arts 1-2	Religion 1-2
French 1-2, 3-4	Spanish 1-2, 3-4
German 1-2, 3-4	Zoology 1-2

BOTANY

PROFESSOR BLOMQUIST, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR KRAMER, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS KORSTIAN AND WOLF; ASSOCIATE PROFESSOR HARRAR; ASSISTANT PROFESSORS ADDOMS AND OOSTING; DRs. ANDERSON AND PERRY

1. General Botany.—4 s.h. STAFF

2. General Botany.—Prerequisite: Botany 1. 4 s.h. STAFF

51. Growth.—Prerequisite: one year of botany. 4 s.h.
ASSISTANT PROFESSOR ADDOMS

52. Plant Identification.—Prerequisite: one year of botany. 4 s.h.
PROFESSOR BLOMQUIST

55. Morphology and Anatomy of Vascular Plants.—Prerequisite: one year of botany. 4 s.h.
ASSISTANT PROFESSOR OOSTING

101. Principles of Heredity.—Prerequisite: one course in biology. 3 s.h.
DR. PERRY

103. General Bacteriology.—Prerequisite: one year of botany or zoology, or equivalent. 4 s.h.
PROFESSOR WOLF

104. The Structure and Identification of Lower Plants.—Prerequisite: one year of botany. 4 s.h.
PROFESSORS BLOMQUIST AND WOLF

151. Introductory Plant Physiology.—Prerequisites: Botany 1, 2, or equivalent; one year of chemistry recommended. 4 s.h.
ASSISTANT PROFESSOR KRAMER

156. **Plant Ecology.**—Prerequisites: Botany 1, 2 and 52, or equivalents. 4 s.h. ASSISTANT PROFESSOR OOSTING

202. **Genetics.**—Offered in alternate years. Prerequisites: one year of botany or zoology, or equivalent, and college algebra. 4 s.h.
[Not offered in 1937-38] DR. PERRY

203. **Plant Cytology.**—Prerequisite: two years of botany. 4 s.h. DR. PERRY

204. **Advanced Plant Anatomy.**—Offered in alternate years. Prerequisite: Botany 55 or equivalent. 4 s.h. ASSISTANT PROFESSOR ADDOMS

216. **Botanical Microtechnique.**—Prerequisite: three semesters of botany. 4 s.h. PROFESSOR BLOMQUIST

221. **Structure and Classification of Fungi.**—Offered in alternate years. Prerequisite: two years of botany. 4 s.h. PROFESSOR WOLF

225, 226. **Special Problems.**—Credits to be arranged. STAFF

252. **Advanced Plant Physiology.**—Prerequisite: Botany 151 or equivalent; organic chemistry recommended. 4 s.h. ASSISTANT PROFESSOR KRAMER

256. **Field Ecology.**—Prerequisites: Botany 1, 3, and 52, or equivalent. 4 s.h. ASSISTANT PROFESSOR OOSTING

FOREST BOTANY

153. **Forest Tree Characteristics and Identification.**—Prerequisite: one year of botany. 4 s.h. ASSOCIATE PROFESSOR HARRAR

224. **Forest Pathology.**—Offered in alternate years. Prerequisites: Botany 1, 2, and Forest Botany 153, or equivalent. 4 s.h. PROFESSOR WOLF

253. **Dendrology.**—Prerequisite: two years of botany. 4 s.h. ASSOCIATE PROFESSOR HARRAR

DEPARTMENTAL MAJOR

Prerequisites: Botany 1 and 2.

Major Requirements: Twenty-one to twenty-four hours of work including courses 52, 55, and 104. The remaining hours may be selected from any other courses in the Department for which the student is eligible, subject to the approval of the Departmental Adviser.

DEPARTMENTAL HONORS PROGRAM

I. *Prerequisites:* Botany 1-2. A year course in each of three other sciences acceptable to the Departmental Committee. Some of these may be taken concurrently with the Honors work.

II. *Honors Work.*

a. Botany.

1. **Scheduled courses.** At least 5 courses (18-20 semester-hours) beyond Botany 1-2.

2. **Reading Courses and Problems,** chiefly in the Senior year. Nine semester-hours. In addition to scheduled courses, each Honors student will take reading courses in such fields as History of Botany and Theories of Biology; or he may take reading courses in special fields; or he may undertake a special problem; or he may carry on both reading and a problem. This work will count as nine semester-hours and will extend through a year at least. The student

will report to his Adviser regularly for conference on this work. He may be asked to prepare written reports on the reading courses, and he must make such a report on his problem.

b. Philosophy—6 semester-hours.

c. Electives in botany or in other departments, subject to the approval of the Departmental Committee.

III. *General Honors Examination.* In the spring semester of the Senior year, each student must pass a general examination on the entire field of his Honors work. The Examining Committee consists of the Departmental Committee and such Advisers as have been concerned with his Honors work. The student must present a written report upon his problem and such written reports upon his reading as may be required, before he is permitted to take the general examination.

CHEMISTRY

PROFESSOR GROSS, CHAIRMAN; PROFESSOR VOSBURGH, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSOR WILSON, SUPERVISOR OF FRESHMAN INSTRUCTION; ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN, HILL, AND HOBBS

1-2. **General Inorganic Chemistry.**—It is desirable, though not required, that students taking this course shall have taken elementary physics either in high school or in college. 8 s.h.

PROFESSOR WILSON AND DR. HILL WITH PROFESSOR GROSS; ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HOBBS; MISS PETTENGILL; MESSRS. BRIGHT, CLAYTON, PECK, POHL, STUCKEY, AND YOUNG

61. **Qualitative Analysis.**—Prerequisites: Chemistry 1-2 and algebra. 4 s.h.

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR; DR. HOBBS; MESSRS. BATES, CLAYTON, VERMILLION, AND YOUNG

70. **Quantitative Analysis.**—Prerequisite: Chemistry 61. Analytic geometry and college physics are desirable but not required. 4 s.h.

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR; DR. HOBBS; MESSRS. BATES, COOPER, VERMILLION, AND YOUNG

81. **Introductory Food Chemistry.**—Prerequisites: Chemistry 1-2 or equivalent. 3 s.h.

PROFESSOR WILSON AND DR. BROWN

142. **Nutrition.**—Prerequisite: course 81 or its equivalent. 3 s.h.

PROFESSOR WILSON, DR. BROWN AND MR. PECK

151-152. **Organic Chemistry.**—Prerequisites: Chemistry 61 and 70. Course 151 is prerequisite for 152. 8 s.h.

ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSOR HAUSER; DR. BROWN; MESSRS. BRIGHT, CALFEE, AND RENFROW

153-154. **Intermediate Chemistry Laboratory.**—2 or 4 s.h.

ASSOCIATE PROFESSOR BIGELOW, ASSISTANT PROFESSOR SAYLOR, AND DR. BROWN

173-174. **Honors Seminar.**—2 s.h.

PROFESSORS VOSBURGH AND GROSS; ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HILL

FOR SENIORS AND GRADUATES

215-216. **Advanced Inorganic Chemistry.**—Prerequisites: Chemistry 1-2, 61, 70, and 151-152. Chemistry 261-262, advanced physics, and ability to read German are desirable. 6 s.h.

PROFESSOR VOSBURGH AND DR. HILL

[Not offered in 1937-38]

231. **Instrumental Analysis.**—Prerequisite: Chemistry 70. Laboratory physics is desirable. 3 s.h.

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

232. **Advanced Quantitative Analysis.**—Prerequisites: Chemistry 70 and 151-152. 3 s.h.

PROFESSOR VOSBURGH, ASSOCIATE PROFESSOR BIGELOW,
AND ASSISTANT PROFESSOR SAYLOR

241. **Physiological Chemistry.**—Prerequisites: Chemistry 70 and 151-152. Course 261-262 is desirable though not required. 4 s.h.

PROFESSOR WILSON AND MR. PECK

242. **Metabolism.**—Two lectures, credit 2 s.h., and 6 laboratory hours, credit 2 s.h. 4 s.h.

PROFESSOR WILSON AND MR. PECK

253-254. **Advanced Organic Chemistry.**—Two lectures and 6 laboratory hours. Prerequisites: Chemistry 151-152 or equivalent and a reading knowledge of German. 8 s.h.

ASSOCIATE PROFESSOR BIGELOW, ASSISTANT PROFESSOR
HAUSER, AND DR. BROWN

260. **Colloid Chemistry**—Prerequisites: Chemistry 151-152 and 261. 3 s.h.

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

[Not offered in 1937-38]

261-262. **Physical and Electro Chemistry.**—Prerequisites: Chemistry 70, 151-152, college physics, and college algebra. Calculus is desirable but is not required. 6 s.h.

PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR

271. **Introduction to Research.**—1 s.h.

PROFESSORS GROSS AND VOSBURGH, AND ASSOCIATE PROFESSOR BIGELOW

273-274. **Seminar.**—2 s.h.

PROFESSORS GROSS AND VOSBURGH; ASSOCIATE PROFESSOR BIGELOW;
ASSISTANT PROFESSORS HAUSER AND SAYLOR;
DRS. BROWN, HILL AND HOBBS

275-276. **Research.**—3 or 6 s.h.

PROFESSORS GROSS, VOSBURGH, AND WILSON; ASSOCIATE PROFESSOR
BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR;
DRS. BROWN, HILL, AND HOBBS

DEPARTMENTAL MAJORS

A. For the degree of A.B.

Prerequisites: Chemistry 1-2, Mathematics 3-4 (or equivalent).

Major Requirements: Chemistry 61-70, 151-152 and 261-262. With the permission of the Department other Senior-Graduate chemistry courses giving a total of not less than 6 s.h. credit may be substituted for Chemistry 261-262.

B. For the degree of B.S.

Prerequisites: Chemistry 1-2, Mathematics 3-4 (or equivalent).

Major Requirements: Chemistry 61-70, 151-152; 261-262 and 3 to 6 s.h. of chemistry to be elected with the approval of the Department.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in chemistry the student must have completed the following courses:

Chemistry 61-70, Physics 1-2 or 51-52, Mathematics 3-4 (or equivalent), and either Mathematics 50 or Botany 1-2 or Zoology 1-2 or other courses in the Science Division satisfactory to the Department.

Candidates for Honors shall complete the following program of work:

Chemistry 151-152, 153-154, 173-174, 261-262 and 275-276; Physics (advanced) 6 s.h.; Mathematics through integral calculus; and 6 to 8 s.h. of course work in botany, geology or zoology, satisfactory to the Department, if not offered for admission to the Honors Group.

Chemistry 173-174 is a seminar for Honors students of both Junior and Senior years. The purpose is to give practice in the use of chemical literature and the oral presentation of assigned topics under the direction of a member of the Staff.

In Chemistry 275-276 an experimental research project is carried out under the direction of a member of the Staff. Selection of the problem for investigation is made by the student from a limited number of topics, with the approval of the Department. The object of the course is to acquaint the student with research aims and methods. If possible, an investigation of limited scope will be completed. Total credit for tutorial courses is 10 s.h.

A written report must be prepared on the research undertaken in Chemistry 275-276. A general examination in chemistry will be given at the end of each year.

ECONOMICS AND BUSINESS ADMINISTRATION

PROFESSOR GLASSON, CHAIRMAN; PROFESSOR HAMILTON, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR DE VYVER, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS HOOVER, SPENGLER, AND VON BECKERATH; ASSISTANT PROFESSORS BLACK, EITEMAN, LANDON, LEMERT, RATCHFORD, SHIELDS, AND SPRINGER; DRs. DELAPLANE, KFECH, SMITH, AND WALLACE; MESSRS. BERRY, OLIVER, AND WELFLING

ECONOMICS

51-52. Principles of Economics.—6 s.h.

PROFESSORS HOOVER AND SPENGLER; DRs. DELAPLANE AND SMITH;
MESSRS. BERRY, WALLACE, AND WELFLING

103. Transportation.—3 s.h.

ASSISTANT PROFESSOR LANDON

138. Business Statistics.—3 s.h.

ASSISTANT PROFESSOR SPRINGER AND OTHERS

Economics 143. Corporation, Finance and Investments.—Prerequisite: course 51-52. 3 s.h.

DRs. SMITH AND DELAPLANE

168. Marketing.—3 s.h.

ASSISTANT PROFESSOR LANDON

169. Economics of Consumption.—3 s.h.

DR. SMITH

203-204. Money, Banking, and Credit.—6 s.h.

PROFESSOR GLASSON, DR. DELAPLANE,
AND MR. WELFLING

215. Economic Systems.—3 s.h.

PROFESSOR HOOVER

216. Economic Functions of the State.—3 s.h.

PROFESSOR HOOVER

218. Population Problems and the Standard of Living.—3 s.h.

PROFESSOR SPENGLER

231. The Economic History of Modern Europe.—3 s.h.

PROFESSOR HAMILTON

232. The Economic History of the United States.—3 s.h.

PROFESSOR HAMILTON

235. **Public Finance.**—3 s.h. ASSISTANT PROFESSOR RATCHFORD
(Formerly 236)
236. **Public Debts in the United States.**—3 s.h. ASSISTANT PROFESSOR RATCHFORD
- 237-238. **Statistical Methods.**—Prerequisite: Business Statistics 138 or consent of the instructor. 6 s.h. ASSISTANT PROFESSOR SPRINGER
239. **Prices.**—3 s.h. PROFESSOR HAMILTON
240. **Modern Schools of Economic Thought.**—3 s.h. PROFESSOR SPENGLER
- 245-246. **Problems of Modern Industrialism.**—6 s.h. PROFESSOR VON BECKERATH
253. **Labor Problems.**—Prerequisite: Economics 51-52. 3 s.h. ASSISTANT PROFESSOR DE VYVER
256. **Labor Legislation.**—Prerequisite: Economics 51-52; Economics 253, or with the consent of the instructor. 3 s.h. ASSISTANT PROFESSOR DE VYVER
265. **International Trade and Tariff Policies.**—3 s.h. PROFESSOR SPENGLER
266. **International Finance.**—3 s.h. PROFESSOR HAMILTON
267. **Competitive versus Monopolistic Enterprise.**—2 s.h. PROFESSOR VON BECKERATH
268. **Political Aspects of the Regulation of International Trade.**—2 s.h. PROFESSOR VON BECKERATH
[In 1937-38 offered in first semester.]

BUSINESS ADMINISTRATION

A. ACCOUNTANCY

- 57-58. **Principles of Accounting.**—6 s.h. ASSISTANT PROFESSORS BLACK, SHIELDS, SPRINGER, AND DE VYVER; MR. KEECH
- 171-172. **Advanced Accounting.**—Open to students who have completed Accounting 57-58. 6 s.h. ASSISTANT PROFESSOR SHIELDS
- 173-174. **Auditing, Theory and Practice.**—6 s.h. ASSISTANT PROFESSOR BLACK
- 175-176. **C. P. A. Review.**—6 s.h. ASSISTANT PROFESSOR BLACK
177. **Income-Tax Accounting.**—3 s.h. ASSISTANT PROFESSOR SHIELDS
178. **Modern Accounting Systems.**—3 s.h. ASSISTANT PROFESSOR SHIELDS
- 275-276. **Advanced Industrial Accounting and Management.**—Courses 57-58 and 105 are ordinarily prerequisites for this course. 6 s.h. ASSISTANT PROFESSOR BLACK
- [Not offered in 1937-38]

B. COMMERCE AND INDUSTRY

11. **Economic Geography.**—Either semester. 3 s.h. ASSISTANT PROFESSOR LEMERT

105. **Industrial Management.**—3 s.h. MESSRS. BERRY AND KEECH
115. **Economic Geography.**—3 s.h. ASSISTANT PROFESSOR LEMERT
116. **Economic Geography and Industrial Organization.**—Prerequisite: course 115. 3 s.h. ASSISTANT PROFESSOR LEMERT
118. **Economic Geography of the South Atlantic States.**—Prerequisites: Economics 11. Economic Geography 115, or with consent of the instructor. 3 s.h. ASSISTANT PROFESSOR LEMERT
158. **Insurance.**—3 s.h. MESSRS. KEECH AND BERRY
- 181-182. **Business Law.**—6 s.h. ASSISTANT PROFESSOR SPRINGER
217. **Business Cycles.**—3 s.h. PROFESSOR SPENGLER

DEPARTMENTAL MAJOR

Prerequisites: All students who desire to major in the Department are required to take as a prerequisite courses 51-52 on Principles of Economics. Ordinarily this prerequisite work should be taken in the Sophomore year.

Major Requirements: Students who major in the Department are required to take twenty-four semester-hours of work in the Department in the Junior and Senior years. At least twelve semester-hours of this work must be chosen from the Senior-Graduate courses offered by the Department. The remainder of the twenty-four hours may be chosen from courses offered by the Department for Juniors or Seniors. The selection of courses should be approved by an appointed representative of the Departmental Faculty.

HONORS WORK

The Departments of Economics, Political Science, and Philosophy form an Honors group within the Division of the Social Sciences. For the details of this program the student should consult pages 52-55.

Honors readings in economics are as follows:

History of Economic Thought: A consideration of the principal economic writers showing the development of modern economic thought. MR. WELFLING

Social Economics: The problems of social adjustment to modern economic institutions. ASSISTANT PROFESSOR DE VYVER

American Economic Organization: The development and operation of the institutions of modern American capitalism. ASSISTANT PROFESSOR DE VYVER

EDUCATION

PROFESSOR HOLTON, CHAIRMAN; PROFESSOR PROCTOR, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR EASLEY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BROWNELL AND CHILDS; ASSOCIATE PROFESSOR CARR; DRs. ESKRIDGE AND PULLIAS; MRS. SMITH AND MR. WATSON

1. **Orientation Course in Study and Study Habits.**—3 s.h.
ASSISTANT PROFESSOR EASLEY, DR. PULLIAS, AND MR. WATSON
4. **Introductory Course in History of Education.**—3 s.h.
PROFESSOR HOLTON, ASSOCIATE PROFESSOR CARR, AND MR. ESKRIDGE
8. **The Learning Process.**—3 s.h.
PROFESSORS BROWNELL AND CHILDS, ASSISTANT PROFESSOR EASLEY, DR. PULLIAS, AND MESSRS. ESKRIDGE AND WATSON

54. Introductory Course in History of Education.—3 s.h.
PROFESSOR HOLTON
58. The Learning Process.—3 s.h. ASSISTANT PROFESSOR EASLEY
68. Mental Hygiene of the School Child.—3 s.h.
ASSISTANT PROFESSOR EASLEY
83. Current Trends in American Public School Organization.—3 s.h.
PROFESSOR PROCTOR
101. Introduction to Teaching.—3 s.h. ASSOCIATE PROFESSOR CARR
103. School Organization and Administration for the Classroom Teacher.—
3 s.h. PROFESSOR PROCTOR
104. History of Education in the United States.—3 s.h.
PROFESSOR HOLTON
[Not offered in 1937-38]
105. Introduction to Educational Sociology.—3 s.h.
PROFESSOR CHILDS
112. Methods of Teaching and Presentation of Subject Matter in the
Primary Schools.—Prerequisite: course 101. 4 s.h.
ASSOCIATE PROFESSOR CARR
[Not offered in 1937-38, unless as many as eight students enroll.]
- A. Public School Drawing.—(*3 points professional credit only.*)
MRS. MASON
- B. Industrial Art in the Public School.—(*3 points professional credit only.*)
MRS. MASON
- C. Public-School Music.—(*3 points professional credit only.*)
[Not offered in 1937-38] MRS. TWADDELL
- 115-116. Secondary Education: Principles and Practice.—6 or 8 s.h.
PROFESSOR CHILDS AND STAFF
118. Educational Implications of Genetic Psychology.—3 s.h.
PROFESSOR BROWNELL
122. Methods of Teaching and Presentation of Subject Matter in the
Grammar Grades.—Prerequisite: course 101. 4 s.h.
ASSOCIATE PROFESSOR CARR
131. Observation and Practice-Teaching.—1 s.h.
ASSOCIATE PROFESSOR CARR
136. The Teaching of High-School English.—3 s.h.
ASSISTANT PROFESSOR A. C. JORDAN
142. Children's Literature.—3 s.h.
ASSOCIATE PROFESSOR CARR
155. The Teaching of Secondary School Latin.—3 s.h.
[Not offered in 1937-38]
170. The Social and Economic Position of Women.—2 s.h.
MRS. SMITH

176. **Materials and Methods in High-School Science.**—Prerequisite: at least eighteen hours of science in college. 3 s.h.
[Not offered in 1937-38] PROFESSOR CHILDS
200. **Introduction to the Philosophy of Education.**—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON
205. **Curriculum Problems in Secondary Education.**—3 s.h.
[Not offered in 1937-38] PROFESSOR CHILDS
206. **Sociological Foundations of the Secondary School Subjects.**—Prerequisite: general sociology or approved work in education, including course 105. 3 s.h.
PROFESSOR CHILDS
207. **Technique of Teaching.**—3 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR CARR
208. **Mental Tests and Applications.**—Prerequisite: course 258 or six semester-hours of other work in educational psychology or psychology. 3 s.h.
ASSISTANT PROFESSOR EASLEY
209. **Statistical Methods Applied to Education.**—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR EASLEY
212. **Psychology of the Elementary School Subjects.**—3 s.h.
ASSOCIATE PROFESSOR CARR
214. **History of Education in the United States.**—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON
216. **Psychological Principles of Secondary Education.**—3 s.h.
[Not offered in 1937-38] PROFESSOR CHILDS
217. **Advanced Educational Psychology.**—3 s.h.
ASSISTANT PROFESSOR EASLEY
218. **Educational Implications of Genetic Psychology.**—Prerequisite: six semester-hours of psychology or educational psychology. 3 s.h.
[Not offered in 1937-38] PROFESSOR BROWNELL
219. **Experimental Education.**—3 s.h.
PROFESSOR BROWNELL
222. **The Curriculum and Materials of the Elementary Grades.**—3 s.h.
ASSOCIATE PROFESSOR CARR
225. **The Teaching of History and Civics.**—3 s.h.
ASSISTANT PROFESSOR MANCHESTER
227. **The Psychology of Learning: Problems.**—3 s.h.
ASSISTANT PROFESSOR EASLEY
228. **The Psychology of Learning: Theoretical and Experimental.**—Prerequisite: course 227 or its equivalent. 3 s.h.
ASSISTANT PROFESSOR EASLEY
232. **Elementary School Supervision.**—3 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR CARR
233. **Administrative Pupil-Accounting.**—3 s.h.
PROFESSOR PROCTOR

234. Secondary School Organization and Administration.—3 s.h.
PROFESSOR PROCTOR
237. Investigations in Reading.—3 s.h. ASSOCIATE PROFESSOR CARR
244. Studies in the Historical Development of Public School Administration.—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON
246. The Teaching of Mathematics.—3 s.h. PROFESSOR RANKIN
247. Investigations in Arithmetic.—3 s.h. PROFESSOR BROWNELL
253. Legal Phases of School Administration.—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON
254. History of Secondary Education in the United States.—3 s.h.
PROFESSOR PROCTOR
258. Educational Measurements.—Prerequisite: twelve semester-hours in the Department, including a course in educational psychology. 3 s.h.
PROFESSOR BROWNELL
264. Recent Movements in American Education.—3 s.h.
PROFESSOR HOLTON
266. The Teaching of High-School French.—3 s.h. PROFESSOR WEBB
294. Comparative Education: Recent Movements in European Educational Systems.—3 s.h. ASSOCIATE PROFESSOR CARR

DEPARTMENTAL MAJOR

A major in the Department of Education consists of twenty-four semester-hours of work above the Freshman year, not including any work listed as primarily for Freshmen, and including at least six semester-hours of courses limited to Seniors or to Seniors and Graduates. Students, however, who obtain credit for courses 4 and 8 will be permitted to complete a major by taking twenty hours of additional work in the Department, provided twelve hours are courses limited to Seniors or to Seniors and Graduates. Before graduation, majors in the Department must have credit for at least one course in educational psychology, such as 8, 58, or 68, and one course in history and philosophy of education, or in educational sociology. The remainder of their work may be elected from courses listed for Sophomores, Juniors, and Seniors, provided at least six semester-hours of the course work are taken from courses listed for Seniors and Graduates, and provided that not more than six semester-hours may be of courses numbered below 100.

DEPARTMENTAL HONORS PROGRAM

I. *Prerequisites:* Completion of the Sophomore year in Group I, V, or VI of the "Groups of Studies for the Degree of Bachelor of Arts" with average of one and one-half quality-points per semester-hour, and an average of "B" or better in some one department in which the student has been enrolled within his first two years.

II. (a) Completion of the regular departmental major in the Department of Education as defined above (see Departmental Major). (b) Completion of fifteen semester-hours of work listed for Juniors and Seniors in not more than two departments approved by the Honors Adviser as related work. (c) Completion in the Junior year of three semester-hours of reading in the works of educational theorists, and study of current developments of their theories. This work will include selected reading in the history and theory

of education under the direction of the Honors Adviser and should give the student an historical perspective of the development of educational theory and the origin of conflicting educational philosophies of the present. At the end of the Junior year the student will have written examination upon the Honors reading. (d) Completion in the Senior year of six semester-hours of reading in some field of education under the direction of the Honors Adviser. The fields from which the student may choose, subject to the approval of the Departmental Committee, are the following: Elementary Education, Experimental Education and Educational Psychology, History and Philosophy of Education, Public School Administration, Secondary Education, and Educational Sociology. This work will include the preparation of an essay showing an accurate and broad knowledge of what has been done and is in process of being done in the chosen field. (It is probable that reading courses will not be offered in all fields every year. Every candidate for Honors, therefore, should at the close of his Junior year confer with the Departmental Committee and make known his wishes as to which reading courses will be organized and offered in his Senior year.)

At the close of the Senior year the candidate will be given a general examination by the Departmental Committee and such other persons as it may designate, including the member in charge of the field in which the candidate is reading. This examination will cover the work the candidate has done in his Honors work and the related work of his Junior and Senior years.

ENGINEERING

PROFESSOR HALL, CHAIRMAN; PROFESSORS BIRD, SEELEY, AND WILBUR; MESSRS. CHAPMAN, LEWIS, MEIER, RANSON, REED AND WILLIAMS

GENERAL ENGINEERING

DRAWING

- | | |
|--|-------|
| 1. Engineering Drawing.—2 s.h. | STAFF |
| 2. Engineering Drawing.—Prerequisite: course 1. 2 s.h. | STAFF |
| 4. Engineering Drawing.—Prerequisite: course 1. 2 s.h. | STAFF |
| 5-6. Descriptive Geometry.—2 s.h. | STAFF |
| 8. Mechanics.—Prerequisites: course 1 and Mathematics 55. 5 s.h. | STAFF |
| 107. Strength of Materials.—Prerequisite: course 8. 4 s.h. | STAFF |
| 108. Hydraulics.—Prerequisite: course 8. 4 s.h. | STAFF |

CIVIL ENGINEERING

10. Plane Surveying.—Prerequisite: course 1. Trigonometry. 3 s.h.
For fee of this course, see the *Bulletin of the Summer Schools*.

PROFESSORS BIRD AND HALL; MR. LEWIS

11. Higher Surveying.—Prerequisite: course 10. 2 s.h. MR. WILLIAMS

110. **Plane Surveying.**—Prerequisites: Engineering Drawing and Trigonometry. 3 s.h. PROFESSORS BIRD AND HALL; MR. LEWIS

111. **Higher Surveying.**—Prerequisite: course 10 or 110. 3 s.h.
[Not offered in 1937-38] PROFESSOR BIRD

112. **Field Astronomy.**—Prerequisite: course 11. 2 s.h. PROFESSOR HALL

113-114. **Curves and Earthwork.—Highways.**—Prerequisite: course 10. 4 s.h. PROFESSOR HALL

115. **Highway Engineering.**—3 s.h. PROFESSOR HALL

117. **Highway Engineering.**—Prerequisite: course 15. 2 s.h. MR. WILLIAMS

118. **Materials of Engineering.**—2 or 3 s.h. PROFESSOR BIRD AND MR. LEWIS

119-120. **Railroad Engineering.**—Prerequisite: course 113-114. 5 s.h. PROFESSOR BIRD

123-124. **Hydraulic Engineering.**—Prerequisite: course 108. 8 s.h. PROFESSOR HALL

131. **Steel Structures—Stresses.**—Prerequisite: course 8. 4 s.h. PROFESSOR BIRD

132. **Steel Structures—Design.**—Prerequisites: courses 107 and 131. 4 s.h. PROFESSOR BIRD

133. **Reinforced Concrete.**—Prerequisite: course 107. 3 s.h. PROFESSOR BIRD

134. **Masonry Structures.**—Prerequisites: courses 107 and 133. 3 s.h. PROFESSOR BIRD

137-138. **Seminar.**—2 s.h. PROFESSORS BIRD AND HALL

142. **Engineering Geology.**—3 s.h.
[Not offered in 1937-38]

E.240. **Indeterminate Structures.**—Prerequisites: course 131 and ability to read French or German. 3 s.h. PROFESSOR BIRD

143-144. **Projects in Civil-Mechanical Engineering.**—3-6 s.h. PROFESSORS BIRD AND HALL

ELECTRICAL ENGINEERING

51-52. **Survey of Electrical Engineering.**—Prerequisites: Freshman mathematics and concurrent physics. 6 s.h. MR. MEIER

151. **Theory of Direct Current Circuits.**—Prerequisites: course 51-52, Physics 57-58, Mathematics 55, 100. Mathematics 131 should be taken concurrently. 3 s.h. MR. RANSON

152. **Theory of Alternating Current Circuits.**—Prerequisites: course 151, Mathematics 131. 3 s.h. MR. MEIER

- 153-154. Principles of Electrical Engineering.—Prerequisite: Physics 57-58. 6 s.h. MR. RANSON
155. Direct Current Machinery.—Prerequisites: courses 151, 161-162. 2 s.h. MR. MEIER
156. Electric Transportation.—Prerequisites: courses 151, 152, 161-162, or 153-154. 3 s.h. MR. RANSON
158. Electric-Power Stations.—Prerequisites: courses 151, 152 and 187-188. 3 s.h. MR. RANSON
159. Electric-Power Transmission.—Prerequisites: courses 151, 152. 3 s.h. PROFESSOR SEELEY
- 161-162. Electrical Circuits Laboratory.—2 s.h. PROFESSOR SEELEY
163. Direct Current Machinery Laboratory.—1 s.h. MR. MEIER
- 165-166. Electrical Engineering Seminar.—2 s.h. STAFF
- 257-258. Alternating Current Machinery.—Prerequisites: courses 152, 155. 6 s.h. MR. MEIER
261. Communication Engineering, Audio Frequency.—Prerequisites: courses 151, 152, Mathematics 131. 3 s.h. PROFESSOR SEELEY AND MR. RANSON
262. Communication Engineering, Radio Frequency.—Prerequisite: course 261. 4 s.h. PROFESSOR SEELEY AND MR. RANSON
- 263-264. Mathematical Analysis of Electrical Circuits.—Prerequisites: courses 151, 152 and Mathematics 131. 6 s.h. PROFESSOR SEELEY
- E.265-266. Projects in Electrical Engineering.—6 s.h. PROFESSOR SEELEY AND STAFF

MECHANICAL ENGINEERING

- 79-80. Constructive Processes.—Prerequisite: course 4. 2 s.h. MR. CHAPMAN
81. Mechanism.—Prerequisite: course 4. 2 s.h. MR. REED
85. Steam Engineering.—2 s.h. PROFESSOR WILBUR AND MR. CHAPMAN
- 170-171 (old 183-184). Machine Design.—Prerequisites: courses 8, 81, and 107. 6 s.h. MR. REED
- 187-188. Engineering Thermodynamics.—Prerequisites: course 85 and Mathematics 100. 6 s.h. PROFESSOR WILBUR AND MR. REED
- 173-174. Seminar.—2 s.h. PROFESSOR WILBUR AND MR. REED
- 175-176. Projects in Mechanical Engineering.—3 s.h. PROFESSOR WILBUR
- 189-190. Junior Mechanical Engineering Laboratory.—4 s.h. MR. CHAPMAN
- 199-200. Junior Mechanical Engineering Laboratory.—2 s.h. MR. REED
191. Power Plant Calculations.—Prerequisites: Mathematics 100 and courses 188 and 189. 3 s.h. PROFESSOR WILBUR
192. Industrial Engineering.—3 s.h. PROFESSOR WILBUR

193-194. Senior Mechanical Engineering Laboratory.—Prerequisite: course 191 concurrently. 4 s.h. PROFESSOR WILBUR

195. Heating and Ventilating.—2 s.h. MR. REED

196. Refrigeration.—Prerequisites: courses 188 and 190 or 200. 2 s.h. MR. REED

197. Internal Combustion Engines.—Prerequisite: course 187. 3 s.h. PROFESSOR WILBUR

198. Aeronautics.—Prerequisite: course 171. 3 s.h. MR. CHAPMAN

ENGLISH

PROFESSOR BROWN, CHAIRMAN; PROFESSOR GREENE, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR PATTON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BAUM, GILBERT, HUBBELL, IRVING, AND N. I. WHITE; ASSOCIATE PROFESSORS GOHDES AND MITCHELL; ASSISTANT PROFESSORS ANDERSON, BLACKBURN, HERRING, JORDAN, SUGDEN, VANCE, WARD, AND MARIE ANNE WHITE; DR. POTEAT AND SANDERS; MESSRS. FITZGERALD, HARWELL, LEWIS, MARTIN, AND WEST

COMPOSITION

1-2. English Composition.—6 s.h.

PROFESSOR IRVING; ASSOCIATE PROFESSOR MITCHELL; ASSISTANT PROFESSORS ANDERSON, BLACKBURN, PATTON, SUGDEN, VANCE, WARD, AND WHITE; MESSRS. FITZGERALD AND HARWELL; MISS POTEAT

4. Writing and English Poetry.—3 s.h.

PROFESSOR IRVING; ASSOCIATE PROFESSOR MITCHELL; ASSISTANT PROFESSORS ANDERSON, BLACKBURN, PATTON, SUGDEN, VANCE, WARD, AND WHITE; MESSRS. FITZGERALD AND HARWELL; MISS POTEAT

53. English Composition.—3 s.h. ASSISTANT PROFESSOR JORDAN

54. Composition.—3 s.h. ASSISTANT PROFESSOR JORDAN

101-102. Composition.—6 s.h. ASSOCIATE PROFESSOR MITCHELL

103-104. Composition.—6 s.h. ASSISTANT PROFESSOR BLACKBURN

107-108. Journalism.—6 s.h. ASSISTANT PROFESSOR SUGDEN

DRAMATICS

105-106. Play-Writing.—6 s.h. MR. WEST

119-120. History of the Theater.—6 s.h. MR. WEST

121-122. Play-Production.—6 s.h. MR. WEST

139-140. The Speaking Voice.—6 s.h. MR. WEST

ARGUMENTATION AND PUBLIC SPEAKING

FOR SOPHOMORES, JUNIORS, AND SENIORS

151. Public Speaking.—3 s.h. ASSISTANT PROFESSOR HERRING AND MR. LEWIS

152. Argumentation.—3 s.h. ASSISTANT PROFESSOR HERRING AND MR. LEWIS

ENGLISH AND AMERICAN LITERATURE AND LANGUAGE

†55-56. Prose Masterpieces.—6 s.h.

ASSISTANT PROFESSORS BLACKBURN AND VANCE

†59-60. Contemporary Literature.—6 s.h.

ASSISTANT PROFESSOR WHITE

†59-60. Contemporary Literature.—6 s.h.

ASSISTANT PROFESSOR ANDERSON

†63-64. A Survey of English Poetry.—6 s.h.

ASSOCIATE PROFESSORS GOHDES AND MITCHELL; ASSISTANT
PROFESSORS PATTON AND SUGDEN

123-124. Shakespeare.—6 s.h.

PROFESSOR BROWN

125-126. English Literature, 1798-1832.—6 s.h.

PROFESSOR WHITE AND ASSISTANT PROFESSOR WHITE

127-128. English Literature, 1832-1900.—6 s.h.

PROFESSOR GREENE

129-130. The History of the Novel in England.—6 s.h.

ASSISTANT PROFESSOR VANCE, ASSOCIATE PROFESSOR
MITCHELL, PROFESSOR WHITE

131. The Drama, 1770-1892.—3 s.h.

PROFESSOR HUBBELL

[Not offered in 1937-38]

133. Contemporary Poetry and Verse-Writing.—3 s.h.

PROFESSOR WHITE

134. Contemporary Poetry and Verse-Writing.—Prerequisite: English 133.
3 s.h. PROFESSOR WHITE

135-136. Critical Study of Literary Masterpieces.—6 s.h.

[Not offered in 1937-38]

PROFESSOR BAUM

137-138. American Literature.—6 s.h.

PROFESSOR HUBBELL, ASSOCIATE PROFESSOR GOHDES, AND
ASSISTANT PROFESSOR ANDERSON

142. Materials and Methods in High-School English.—3 s.h.

ASSISTANT PROFESSOR JORDAN

143-144. English Literature, 1550-1625.—6 s.h.

PROFESSOR GREENE

145-146. English Literature, 1832-1900.—6 s.h.

PROFESSOR GREENE

149-150. English Literature, 1625-1700.—6 s.h.

ASSISTANT PROFESSOR WARD

153-154. General Literature.—6 s.h.

[Not offered in 1937-38]

PROFESSOR IRVING

201-202. Anglo-Saxon.—6 s.h.

PROFESSOR BROWN

203-204.—Chaucer.—6 s.h.

PROFESSOR BAUM

207-208. English Literature, 1400-1550.—6 s.h.

PROFESSOR BAUM

[Not offered in 1937-38]

209-210. English Romances.—6 s.h.

PROFESSOR BROWN

[Not offered in 1937-38]

213-214. The Ballad and Other Folk-Lore.—6 s.h.

PROFESSOR BROWN

† Courses 55-56, 57-58, 59-60, and 63-64 are open only to Sophomores and Juniors.

- 215-216. **The Drama of the Elizabethan Period.**—6 s.h. PROFESSOR GILBERT
- 217-218. **Spenser and Milton.**—6 s.h. PROFESSOR GILBERT
- 219-220. **English Literature, 1660-1798.**—6 s.h. PROFESSOR IRVING
221. **The Drama in England, 1640-1770.**—3 s.h. PROFESSOR BAUM
[Not offered in 1937-38]
- 225-226. **Studies in Victorian Literature.**—6 s.h. PROFESSOR BAUM
- 227-228. **Literary Criticism.**—6 s.h. PROFESSOR GILBERT
- 229-230. **American Literature, 1800-1870.**—Seniors must have credit for English 137-138. 6 s.h.
PROFESSOR HUBBELL AND ASSOCIATE PROFESSOR GOHDES
- 231-232. **Special Studies in American Authors.**—6 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR GOHDES
- 233-234. **American Literature since 1870.**—6 s.h.
ASSOCIATE PROFESSOR GOHDES

DEPARTMENTAL MAJOR

Prerequisites: English 1 and 2 or 4.

Major Requirements: A major in English consists of twenty-four semester-hours credit distributed as follows: *eighteen* hours must be earned in courses in English and American literature of the 100 and 200 groups; of these eighteen at least *six* must be earned in courses in English literature of the 200 group.

HONORS WORK

The Departments of English, Fine Arts, and Philosophy form an Honors group within the Division of the Humanities. For the details of this program the student should consult pages 52-55.

The program of Honors readings in English literature is as follows:

(1) **The Elizabethan Period and the First Half of the Seventeenth Century.**—The Bible; Shakespeare and Elizabethan drama; Spenser; Donne; Bacon and other writers of prose. PROFESSOR IRVING

(2) **English Literature from the Restoration to the Death of Pope.**—Milton; Dryden; the Comedy of Manners; Swift; Defoe; Addison and Steele; Pope. PROFESSOR IRVING

(3) **English Literature, 1744-1832.**—Fielding; Johnson; Wordsworth; Byron; Shelley; Keats; Lamb; Hazlitt. ASSISTANT PROFESSOR PATTON

(4) **English Literature, 1832-1900.**—Carlyle; Tennyson; Browning; Arnold (poetry and prose); Ruskin; Morris; Pater.

ASSISTANT PROFESSOR BLACKBURN

FINE ARTS

ASSISTANT PROFESSORS McDONALD AND HALL AND MISS MAYFIELD

1-2. **History of Art.**—6 s.h.

MISS MAYFIELD

51-52. **History of Art.**—6 s.h.

51, ASSISTANT PROFESSOR HALL; 52, ASSISTANT PROFESSOR McDONALD

- 53-54. Theory of Representation and Design.—4 s.h. MISS MAYFIELD
92. Oriental Art.—3 s.h. ASSISTANT PROFESSOR McDONALD
101. Introduction to Medieval Art.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR McDONALD
102. Development of Gothic Art.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR McDONALD
103. Renaissance and Baroque Architecture: Italy.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR HALL
104. Renaissance and Baroque Architecture: Spain and the North.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR HALL
105. European Architecture since 1700.—3 s.h.
ASSISTANT PROFESSOR HALL
106. Architecture of the Americas.—3 s.h.
ASSISTANT PROFESSOR HALL
107. Renaissance Painting and Sculpture: Italy.—3 s.h. MISS MAYFIELD
108. Renaissance Painting and Sculpture: The North.—3 s.h. MISS MAYFIELD
109. Seventeenth-Century Painting.—3 s.h. _____
110. Painting and Sculpture since 1700.—3 s.h. _____
111. American Painting and Sculpture.—3 s.h. MISS MAYFIELD
[Not offered in 1937-38]

COURSES OFFERED IN OTHER DEPARTMENTS ACCREDITED IN THIS DEPARTMENT

Greek 141-142. Greek Art.

Greek 247-248. Greek Archaeology.

Latin 115. Architecture of Ancient Rome.

Latin 215. Introduction to Roman Art and Archaeology.

Latin 216. Topography and Monuments of Ancient Rome.

Philosophy 201-202. The Philosophy of Art.

Philosophy 213-214. History of Aesthetics.

Psychology 202. Psychology of Aesthetics.

DEPARTMENTAL MAJOR

Prerequisites: 1-2 or 51-52.

Major Requirements: 53-54, and eighteen hours in courses chosen from the departmental offerings, or from courses in other departments accredited in this Department.

HONORS WORK

The Departments of English, Fine Arts, and Philosophy form an Honors group within the Division of the Humanities. For details of this program, the student should consult pages 52-55.

Honors readings in Fine Arts are as follows:

Junior Fine Arts Honors. **Reading in English Architecture.** A study of the influences on architecture of the invasions and the conquest; the renaissance under the Tudors and Stuarts; academism and the baroque; classicism and romanticism; eclecticism and functionalism.

ASSISTANT PROFESSOR HALL

Senior Fine Arts Honors. **Reading in Medieval Art.** A study of the religious, philosophical, and racial elements of medieval civilization as they influenced artistic production. ASSISTANT PROFESSOR McDONALD

FORESTRY

PROFESSORS KORSTIAN, SCHUMACHER, AND WOLF; ASSOCIATE PROFESSORS HARRAR AND MAUGHAN; ASSISTANT PROFESSOR COILE

52. Principles of Forestry.—2 s.h. ASSOCIATE PROFESSOR MAUGHAN

S150. Forest Surveying.—Prerequisite: Civil Engineering 110, Plane Surveying, or equivalent. 3 s.h. ASSOCIATE PROFESSOR MAUGHAN

S151. Forest Mensuration.—4 s.h. PROFESSOR SCHUMACHER

153. Forest Tree Characteristics and Identification.—Prerequisite: one year of botany. 4 s.h. ASSOCIATE PROFESSOR HARRAR

224. Forest Pathology.—Offered in alternate years. Prerequisites: Botany 1, 2, and Forestry 153 or equivalents. 4 s.h. PROFESSOR WOLF

253. Dendrology.—Prerequisite: two years of botany or forestry. 4 s.h. ASSOCIATE PROFESSOR HARRAR

255. Forest Mensuration.—Prerequisite: Forestry S151. 4 s.h. PROFESSOR SCHUMACHER

257. Design of Forestry Experiments and Analysis of Data.—Prerequisite: Forestry 255. (Students lacking Forestry 255 may take this course but must register for 5 s.h. and do additional work.) 4 or 5 s.h. PROFESSOR SCHUMACHER

258. Wood Anatomy and Properties.—Prerequisites: Physics 1 and 2, Chemistry 1 and 2, Forestry 153, or equivalents. 4 s.h. ASSOCIATE PROFESSOR HARRAR

261. Forest Soils.—Desirable prerequisites: Chemistry 1 and 2, Physics 1 and 2, Botany 151 and 156, or equivalents. 4 s.h. ASSISTANT PROFESSOR COILE

264. Silvics.—Desirable prerequisites: Botany 151 and 156, Forestry 153 and 261, or equivalents. 4 s.h. PROFESSOR KORSTIAN

GEOLOGY

ASSISTANT PROFESSOR BERRY

51. General Geology.—4 s.h. ASSISTANT PROFESSOR BERRY

52. General Geology.—Prerequisite: Geology 51. 4 s.h. ASSISTANT PROFESSOR BERRY

101-102. Mineralogy.—Prerequisite: Chemistry 1-2 (can be taken concurrently). 4 s.h. ASSISTANT PROFESSOR BERRY

151. Economic Geology.—Prerequisite: Geology 101-102. 4 s.h. ASSISTANT PROFESSOR BERRY

152. Introductory Paleontology.—Prerequisites: Geology 52 and Zoology 1-2. 4 s.h. ASSISTANT PROFESSOR BERRY

DEPARTMENTAL MAJOR

Prerequisites: None for Geology 51. Chemistry 1-2 for Geology 101-102; Zoology 1-2 for Geology 152.

Major Requirements: Geology 51, 52, 101-102, 151, 152.

GERMAN LANGUAGE AND LITERATURE

PROFESSOR VOLLMER, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR WILSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS KRUMMEL AND WANNAMAKER; ASSISTANT PROFESSOR MAXWELL; DR. SHEARS; MR. YOUNG

1-2. Elementary German.—6 s.h.

ASSISTANT PROFESSOR WILSON AND STAFF

3-4. Intermediate German.—6 s.h.

PROFESSOR KRUMMEL AND STAFF

51-52. German Civilization.—6 s.h.

101-102. Elementary German.—6 s.h.

103-104. Intermediate German.—6 s.h.

107. Scientific German.—3 s.h.

PROFESSOR WANNAMAKER AND ASSISTANT PROFESSOR MAXWELL

108. Advanced Scientific and Medical German.—3 s.h.

PROFESSOR WANNAMAKER AND ASSISTANT PROFESSOR MAXWELL

109-110. German Prose Fiction.—6 s.h.

PROFESSOR KRUMMEL

[Not offered in 1937-38]

111-112. Introduction to the Classic Drama.—6 s.h.

ASSISTANT PROFESSOR WILSON

115-116. German Drama of the Nineteenth Century.—6 s.h.

PROFESSOR KRUMMEL

119-120. Nibelungenlied to the Twentieth Century.—6 s.h.

[Not offered in 1937-38]

PROFESSOR VOLLMER

123-124. Modern German Short Story.—6 s.h.

DR. SHEARS

[Not offered in 1937-38]

125-126. Contemporary German Literature.—6 s.h.

DR. SHEARS

127-128. Survey of Nineteenth-Century German Literature.—6 s.h.

PROFESSOR VOLLMER

201-202. Goethe.—6 s.h.

PROFESSOR KRUMMEL

207-208. German Romanticism.—6 s.h.

PROFESSOR VOLLMER

209-210. Kleist, Grillparzer, and Hebbel.—6 s.h.

PROFESSOR KRUMMEL

[Not offered in 1937-38]

211-212. Heinrich Heine.—6 s.h.

PROFESSOR VOLLMER

[Not offered in 1937-38]

213-214. Literature of the Empire, 1871-1914.—6 s.h.

PROFESSOR VOLLMER

DEPARTMENTAL MAJOR

1. *Prerequisites*: German 1-2 and 3-4.
2. *Major Requirements*: Twenty-four hours in the German Department. Twelve of these must be selected from the 200 courses. The remaining twelve may be selected from German 51-52 and any courses in the 100 group except 101-102, 103-104 and 119-120.

DEPARTMENTAL HONORS PROGRAM

- (a) *Prerequisites*:
 1. For admission to candidacy for Honors in German, a student must have begun the study of the language not later than the Freshman year in college.
 2. A student who has completed at least 12 s.h. of College German by the end of the Sophomore year with a grade of "A" or "B" (equivalent courses in secondary schools or in other colleges may be presented as substitutes) is eligible to apply to the Departmental Committee for permission to read for Honors in German, provided that his general average for all college work at the time of application is not below "C."

(b) *Honors Work*:

Candidates for Honors in German shall complete the following program of work in the Junior and Senior years:

1. Twenty-seven semester-hours in German courses of the 100 and 200 groups, selected after consultation with the Chairman of the Departmental Honors Committee. The candidate must maintain an average of not less than "B" in each course of this subdivision.
2. Twelve semester-hours in allied departments. The courses in this subdivision must be chosen from the 100 and 200 groups. An average grade of "B" must be maintained in each of these courses.
3. Ten semester-hours in Honors reading under the supervision of an Honors Adviser and culminating in the writing of an Honors essay. The ten hours devoted to supervised reading will be based on a syllabus compiled by the Departmental Committee. The candidate will report to his Honors Adviser regularly on this reading.

(c) *General Honors Examinations*. In May of the Senior year the candidate will be given a general written examination, conducted by his Adviser, on his Honors reading. A general oral examination, conducted by the Departmental Committee, based principally on the fields covered by the candidate's courses and reading, but presupposing a general knowledge of the development of German culture and civilization and a practical ability in the use of the German language, will also be conducted in May.

GREEK

PROFESSOR PEPPLER; ASSISTANT PROFESSOR WAY; AND DR. TRUESDALE

- | | |
|--|---|
| 1-2. Course for Beginners.—6 s.h. | DR. TRUESDALE |
| 53-54. Xenophon.—6 s.h. | DR. TRUESDALE |
| 105-106. Homer.—6 s.h. | PROFESSOR PEPPLER AND DR. TRUESDALE |
| 107-108. Plato.—6 s.h. | DR. TRUESDALE |
| 115-116. Sight Reading in Greek.—4 s.h. | ASSISTANT PROFESSOR WAY AND DR. TRUESDALE |
| 117-118. Greek Prose Composition.—2 s.h. | PROFESSOR PEPPLER |

121-122. Greek Literature in English Translation.—6 s.h.

PROFESSOR PEPPLER

*The student may elect course 122, whether he has taken course 121 or not.***141-142. Greek Art.—6 s.h.**

ASSISTANT PROFESSOR WAY

131. History of Greece.—3 s.h.

ASSISTANT PROFESSOR WAY

201-202. Greek Tragedy.—6 s.h.

PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

203-204. Homer.—Odyssey. Pindar and Bacchylides. 6 s.h.

PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

205-206. Greek Historians.—6 s.h.

PROFESSOR PEPPLER

207-208. Greek Orators.—6 s.h.

ASSISTANT PROFESSOR WAY

209-210. Plato.—6 s.h.

ASSISTANT PROFESSOR WAY

211-212. Aristophanes.—6 s.h.

PROFESSOR PEPPLER

*Only one of the six year-courses for Seniors and Graduates (201-212), listed above, is offered each year.***243. Athenian Topography.—3 s.h.**

ASSISTANT PROFESSOR WAY

244. Greek Epigraphy.—3 s.h.

ASSISTANT PROFESSOR WAY

245. Greek Dialects.—3 s.h.

ASSISTANT PROFESSOR WAY

246. Greek Historical Inscriptions.—3 s.h.

ASSISTANT PROFESSOR WAY

247-248. Greek Archaeology.—6 s.h.

ASSISTANT PROFESSOR WAY

*Of the courses numbered from 243 to 248 only two semester-courses are offered each year.***DEPARTMENTAL MAJOR***Prerequisite: Greek 1-2.**Major Requirements:* A candidate for a major in Greek must complete twenty-three semester-hours, including the following courses: Greek 53-54, 105-106, 107-108, 117-118, and 131.**DEPARTMENTAL HONORS PROGRAM**

For admission to candidacy for Honors in Greek the student must have completed Greek 1-2 and 53-54 or their equivalent.

Candidates for Honors must complete the following program of work:

(a) Greek 105-106, 131, 141-142, 107-108, and 117-118.

(b) Twelve semester-hours of related work in Latin, German, or Philosophy, according to the needs of the individual student.

(c) The Honors Reading. This is tutorial work in which the student is required to read assigned portions of Greek literature by himself, to write papers on topics related to his reading, and to meet the Honors Adviser in weekly conferences for the discussion of the literature that he is reading independently. For the Honors Reading a credit of fourteen semester-hours is given.

Students who enter the University with advanced standing in Greek take higher courses in the language than those listed above.

At the end of the Senior year candidates for Honors must pass a general examination in writing on the subject matter covered by their studies in Greek.

Graduates of Duke University may attend the American School of Classical Studies at Athens, Greece, without charge for tuition, and are eligible to compete for the fellowships that are offered annually by the School. These consist of two fellowships in Greek archaeology and one in the language, literature, and history of ancient Greece, each with a stipend of \$1,300. They are awarded mainly on the basis of examinations held in the beginning of February of each year.

HEALTH AND PHYSICAL EDUCATION

TRINITY COLLEGE

MR. WADE, DIRECTOR OF PHYSICAL EDUCATION; MR. VOYLES, DIRECTOR OF UNDER-GRADUATE STUDIES AND SUPERVISOR OF FRESHMAN INSTRUCTION; MESSRS. CALDWELL, CAMERON, CARD, CHAMBERS, COOMBS, CRICHTON, FOGLEMAN, GERARD, HAGLER, PERSONS, WAITE, AND WARREN

PHYSICAL EDUCATION CLASSES

1-2. Basketball.—1½ s.h.	MR. WAITE
3-4. Boxing.—1½ s.h.	MR. WARREN
5-6. Individual Corrective Activities.—1½ s.h.	MR. CHAMBERS
7-8. Handball.—1½ s.h.	MR. WAITE
11-12. Soccer Football.—1½ s.h.	MR. GERARD
13-14. Swimming.—1½ s.h.	MR. PERSONS
15-16. Touch Football.—1½ s.h.	MR. GERARD
17-18. Tennis.—1½ s.h.	MR. FOGLEMAN
19-20. Tumbling Stunts.—1½ s.h.	MR. CARD
21-22. Track.—1½ s.h.	MR. WAITE
25-26. Wrestling.—1½ s.h.	MR. WARREN
27-28. Apparatus Stunts.	MR. CARD
55-56.* Individual Corrective Activities.—1½ s.h.	MR. CHAMBERS
59. Baseball.—1½ s.h.	MR. COOMBS
61-62. Golf.—1½ s.h.	MR. CRICHTON AND MR. HAGLER

INTERCOLLEGIATE ATHLETIC SPORTS

FRESHMEN

30. Baseball.—1½ s.h.	41. Cross Country.—1½ s.h.
32. Basketball.—1½ s.h.	42. Swimming.—1½ s.h.
34. Boxing.—1½ s.h.	44. Tennis.—1½ s.h.
37. Football.—1½ s.h.	46. Track.—1½ s.h.
38. Football.—1½ s.h.	48. Wrestling.—1½ s.h.

* Courses numbered fifty (50) and above are not open to Freshmen.

VARSITY

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|-------------------------|------------------------------|
| 80. Baseball.—1½ s.h. | 91. Cross Country.—1½ s.h. |
| 82. Basketball. 1½ s.h. | 92. Tennis.—1½ s.h. |
| 84. Boxing.—1½ s.h. | 93. Soccer Football.—1½ s.h. |
| 87. Football.—1½ s.h. | 94. Swimming.—1½ s.h. |
| 88. Football.—1½ s.h. | 96. Track.—1½ s.h. |
| 90. Golf.—1½ s.h. | 98. Wrestling.—1½ s.h. |

ELECTIVES IN PHYSICAL EDUCATION

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|---|----------------------|
| 171. Recreational Activities.—3 s.h. | MR. GERARD |
| 173. Health Education and Corrective Gymnastics.—Prerequisite: Zoology
1-2. 4 s.h. | MR. CHAMBERS |
| 182. Organization and Administration of Physical Education and Athletics.—2 s.h. | MR. WADE, MR. VOYLES |
| 187. School Programs of Physical Education.—3 s.h. | MR. GERARD |
| 190. Training and First Aid.—2 s.h. | MR. CHAMBERS |
| 192. History, Systems, and Theories of Physical Education.—3 s.h. | MR. VOYLES |

WOMAN'S COLLEGE

MISS GROUT, DIRECTOR OF UNDERGRADUATE STUDIES AND SUPERVISOR OF FRESHMAN INSTRUCTION; MRS. BOOKHOUT; MISSES DOWLING, LEWIS, MORRIS, AND WYCHE

ELECTIVES IN PHYSICAL EDUCATION

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|--|-------------|
| 81. History and Principles of Physical Education.—Prerequisite: Educational Psychology. 3 s.h. | MISS GROUT |
| 102. The Teaching of Physical Education in Elementary Schools.—3 s.h. | MISS GROUT |
| 108. Recreational Leadership.—2 s.h. | MISS MORRIS |
| 181-182. Methods of Teaching Athletic Activities.—6 s.h. | THE STAFF |
| 185. The Teaching of Physical Education in Secondary Schools.—3 s.h. | MISS GROUT |

HYGIENE

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|---|---------------|
| 41. Hygiene.—3 s.h. | MISS WYCHE |
| S112. Personal and School Hygiene.—3 s.h. | MISS GARDINER |

HISTORY

PROFESSOR BOYD, CHAIRMAN; PROFESSOR LAPRADE, DIRECTOR OF UNDERGRADUATE STUDIES; ASSOCIATE PROFESSOR NELSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS CARROLL AND SHRYOCK; ASSOCIATE PROFESSORS BALDWIN, CLYDE, AND SYDNOR; ASSISTANT PROFESSORS LANNING, MANCHESTER, AND QUINN; DRs. MCCLOY, MABRY, AND WOODY; MESSRS. HAMILTON AND MUNYAN; MISSES CHAFFIN AND FOERSTER

1-2. Modern and Contemporaneous Europe.—6 s.h.

ASSOCIATE PROFESSOR NELSON; ASSISTANT PROFESSORS MANCHESTER AND QUINN; DRs. MCCLOY AND WOODY; MR. HAMILTON AND MISSES CHAFFIN AND FOERSTER

51-52. Modern and Contemporaneous Europe.—6 s.h.

Courses 51 and 52 are each offered in both semesters.

ASSOCIATE PROFESSOR BALDWIN, DR. MABRY, AND MR. MUNYAN

65-66. The Social and Cultural History of Western Europe in the Seventeenth and Eighteenth Centuries.—6 s.h.

DR. MCCLOY

91. Political and Social History of the United States to 1830.—3 s.h.

PROFESSOR SHRYOCK; ASSOCIATE PROFESSOR SYDNOR; ASSISTANT PROFESSOR LANNING; AND DRs. WOODY AND MABRY

92. Political and Social History of the United States, 1830 to 1900.—3 s.h.

PROFESSOR SHRYOCK; ASSOCIATE PROFESSOR SYDNOR; ASSISTANT PROFESSOR LANNING; AND DRs. WOODY AND MABRY

Note: In courses 91 and 92 no texts are required, but each student pays a class fee of \$3.00 per semester with which all books to be read are purchased and placed in the libraries. This fee is collected through the Treasurer's Office.

101-102. Early European Civilization.—6 s.h.

Sophomores who made an average grade of "B" or more on course 1-2 may be admitted to this course.

ASSISTANT PROFESSOR QUINN

103. Political and Social Evolution of the South since 1865.—3 s.h.

[Not offered in 1937-38]

PROFESSOR BOYD

113. American Colonial History, 1606-1783.—Prerequisites: courses 91 and 92. 3 s.h.

DR. WOODY

114. History of the United States since Reconstruction.—Prerequisites: courses 91 and 92. 3 s.h.

ASSISTANT PROFESSOR LANNING

Ancient History.—Greek 113—Latin 132.**119-120. Social and Economic History of the American People.—Prerequisites: courses 91 and 92. 6 s.h.**

PROFESSOR SHRYOCK

121-122. The Church in American History.—Prerequisites: courses 91 and 92. 6 s.h.

ASSOCIATE PROFESSOR BALDWIN

[Not offered in 1937-38]

123-124. English History.—6 s.h.

PROFESSOR LAPRADE

125. The Ancient Régime, the French Revolution, and Napoleon.—3 s.h.

PROFESSOR CARROLL

[Not offered in 1937-38]

126. The Congress of Vienna and the Rise of the European Nations to 1870.—3 s.h.

PROFESSOR CARROLL

[Not offered in 1937-38]

127. History of Latin America.—3 s.h. ASSISTANT PROFESSOR LANNING
130. The Expansion of Europe, 1415-1763.—3 s.h.
ASSISTANT PROFESSOR MANCHESTER
135. Main Currents in European History, 1815-1914.—3 s.h.
PROFESSOR CARROLL
136. Europe since 1914, Including the Rise of the Totalitarian States,
Russia, Italy, and Germany.—3 s.h. PROFESSOR CARROLL

FOR SENIORS AND GRADUATES

- 205-206. English Constitutional History.—6 s.h.
[Not offered in 1937-38] PROFESSOR LAPRADE
208. Studies in the Social History of the United States.—3 s.h.
[Not offered in 1937-38] PROFESSOR SHRYOCK
- 209-210. Constitutional History of the United States, 1763-1860.—6 s.h.
ASSOCIATE PROFESSOR SYDNOR
211. The Teaching of History and Civics (Education 225).—3 s.h.
ASSISTANT PROFESSOR MANCHESTER
- 215-216. History of the United States' Foreign Policy.—Prerequisites:
courses 91 and 92. 6 s.h. ASSOCIATE PROFESSOR SYDNOR
[Not offered in 1937-38]
- 217-218. Europe since 1870.—6 s.h.
[Not offered in 1937-38] PROFESSOR CARROLL
- 219-220. The History of the European Proletariat.—6 s.h.
PROFESSOR CARROLL
- 223-224. Medieval Institutions and Culture.—6 s.h.
ASSISTANT PROFESSOR QUINN
- 221-222. The Age of the Renaissance.—6 s.h.
ASSOCIATE PROFESSOR NELSON
- 225-226. The Age of the Reformation.—6 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR NELSON
228. An Introduction to the History of the South to 1865.—3 s.h.
[Not offered in 1937-38] PROFESSOR BOYD
231. The Hispanic Colonies of the New World.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR LANNING
232. The Hispanic American Republics of the New World.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR LANNING
233. The Cultural and Institutional History of Colonial Hispanic America.
—3 s.h. ASSISTANT PROFESSOR LANNING
234. Political and Social Problems in the Hispanic American Republics.—
3 s.h. ASSISTANT PROFESSOR LANNING

DEPARTMENTAL MAJOR

Prerequisites: The Introductory Course in History (1-2 or 51-52).
Major Requirements: Students in the General Group desiring to take a
 major in history are required to elect twenty-four semester-hours in the

Department, including six semester-hours in the Senior year from courses in the 200 group. Students desiring to take the more advanced courses in American history should elect courses 91-92 in the Sophomore or Junior year.

DEPARTMENTAL HONORS PROGRAM

Students may become candidates for Honors in history who have passed with a grade of "B" or better courses 1-2 in the Freshman year, 91-92 in the Sophomore year, and by the end of the Junior year twelve semester-hours selected from the courses given in the 100 group.

In the Senior year, in addition to the equivalent of fifteen semester-hours of supervised reading in history, the candidate must elect with the approval of the Departmental Committee on Honors six semester-hours of work from the courses offered in the 200 group, on which he is required to make a grade of "B" or better, and sufficient related work in other departments not exceeding nine semester-hours in the Senior year to bring the total of history and related work exclusive of courses 1-2 and 91-92 but including the equivalent of fifteen semester-hours of supervised reading to a total of 48 semester-hours.

Of the supervised reading, which shall be done under the immediate supervision of members of the Departmental Committee on Honors, the equivalent of six semester-hours shall be devoted to the classical historians such as Herodotus, Thucydides, Tacitus, Livy, Bede, the better known chroniclers. Machiavelli, Gibbon, Hume, Voltaire, Ranke, and others; the equivalent of nine semester-hours shall be devoted to selected fields in either American or European history as the student may elect and the Departmental Committee advise.

At the conclusion of the work the student shall be given an oral examination by a committee of three, consisting of the two members of the Departmental Committee on Honors in charge of his supervised reading and another member of the Department selected by the Departmental Committee.

LATIN AND ROMAN STUDIES

PROFESSORS ROSBOROUGH AND ROGERS; ASSISTANT PROFESSOR GATES; MR. ROSE

3. *Cicero's Orations*.—Prerequisite: two units of entrance Latin. 3 s.h.
ASSISTANT PROFESSOR GATES

4. *Vergil's Aeneid*.—Prerequisite: three entrance units and Latin 57 taken in the semester preceding admission to the course, unless Latin 3 was taken. 3 s.h.
ASSISTANT PROFESSOR GATES

15-16. *Latin Prose Composition*.—2 s.h. MR. ROSE

41. *Roman Comedy*.—Plautus and Terence.—3 s.h.

Selected Latin Prose Writers, or Cicero.—3 s.h. THE STAFF

42. *Horace*.—3 s.h. THE STAFF

53. *Sallust and Tacitus*.—Prerequisite: Latin 41-42 or an equivalent. 3 s.h.
MR. ROSE

54. *Catullus*.—3 s.h. MR. ROSE

57. *Sight Reading in Classical Latin*.—1 s.h. THE STAFF

58. *Sight Reading in Mediaeval Latin*.—Prerequisite: at least one of the following courses: 3, 4, 41, 42, and 57. No outside preparation required. 1 s.h.
PROFESSOR ROSBOROUGH

59. Roman Law.—

[Not offered in 1937-38]

101-102. Tacitus and Suetonius; Juvenal and Persius.—

[Not offered in 1937-38]

103. The Roman Elegiac Poets.—

[Not offered in 1937-38]

104. Horace: The Satires and Epistles.—

[Not offered in 1937-38]

105. Martial: Epigrams.—3 s.h.

PROFESSOR ROSBOROUGH

106. Letters of Pliny the Younger.—3 s.h.

PROFESSOR ROSBOROUGH

107. Livy.—3 s.h.

ASSISTANT PROFESSOR GATES

108. Cicero's Letters.—3 s.h.

ASSISTANT PROFESSOR GATES

109. Materials and Methods Course.—

[To be offered 1938-39]

**111-112. Roman Literature in English Translation.—3 s.h. per semester.
6 s.h.**

PROFESSOR ROSBOROUGH

113-114. Roman Civilization.—[Not offered in 1937-38]**115. The Architecture of Ancient Rome.—**[Not offered in 1937-38]**131-132. History of Rome.—6 s.h.**

PROFESSOR ROGERS

203-204. Epic Poetry.—6 s.h.

ASSISTANT PROFESSOR GATES

For other courses numbered 200 and above, see the Bulletin of the Graduate School.

DEPARTMENTAL MAJOR

Prerequisites: Latin 41-42, 15-16, or acceptable equivalents.

Major Requirements: Latin 53-54, 101-102; six semester-hours in courses numbered from 103 to 108; and six semester-hours in courses numbered from 200 to 299, to be taken in the Senior year.

In addition, all majors are expected to pursue course 131-132, History of Rome.

LAW COURSES FOR ACADEMIC STUDENTS

PROFESSORS BOLICH, FULLER, MAGGS, POTEAT; ASSISTANT
PROFESSOR SANDERS, AND MR. ROALFE

The first-year program of the Law School is as follows:

L.201. Introduction to Procedure.—2 s.h.

PROFESSOR BOLICH

L.203-204. Contracts and Quasi-Contracts.—7 s.h.

PROFESSOR FULLER

L.205-206. Criminal Law and Its Administration.—4 s.h.

ASSISTANT PROFESSOR SANDERS

L.208. Chattel Transactions.—3 s.h.

PROFESSOR POTEAT

L.210. Possessory Estates.—2 s.h.

PROFESSOR BOLICH

L.211-212. Torts.—6 s.h.

PROFESSOR MAGGS

Legal Bibliography.—1½ s.h.

MR. ROALFE

Orientation.—½ s.h.

MATHEMATICS

ASSOCIATE PROFESSOR GERGEN, CHAIRMAN; PROFESSOR ELLIOTT, DIRECTOR OF UNDER-GRADUATE STUDIES; ASSISTANT PROFESSOR MILES, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS RANKIN AND THOMAS; ASSOCIATE PROFESSOR CARLITZ; ASSISTANT PROFESSORS ALDRIDGE, HICKSON, MARIA, PATTERSON, ROBERTS; DRs. DRESSEL AND GREENWOOD

1. College Algebra.—3 s.h.

STAFF

2. Plane Trigonometry.—3 s.h.

STAFF

3-4. Elementary Mathematical Analysis.—Math. 3, 3 s.h., and Math. 4, 3 s.h.

STAFF

7. Algebra and Trigonometry.—3 s.h.

STAFF

9-10. Engineering Mathematics.—10 s.h.

STAFF

50. Plane and Solid Analytic Geometry.—Prerequisites: courses 1 and 2, or 3-4. 4 s.h.

STAFF

55. Differential Calculus.—Prerequisite: course 50.

STAFF

71. Mathematics of Investment.—Prerequisite: 6 hours of college mathematics. This course does not count toward a major in mathematics. 3 s.h.

STAFF

74. Statistics.—Prerequisite: 6 hours of college mathematics. This course does not count toward a major in mathematics. 3 s.h.

STAFF

100. Integral Calculus.—Prerequisites: courses 50 and 55. 4 s.h.

STAFF

125. First Course in Theory of Equations and Determinants.—Prerequisite: course 55. 3 s.h.

STAFF

128. Elementary Number Theory.—Prerequisite: course 100. 3 s.h.

STAFF

131. First Course in Differential Equations.—Prerequisite: course 100. 3 s.h.

STAFF

159. Elementary Course in Analytic Geometry of Space.—Prerequisite: course 55. 3 s.h.

STAFF

161-162. Reading Course for Juniors.—

STAFF

163-164. Reading Course for Seniors.—

STAFF

FOR SENIORS AND GRADUATES

Not all the courses listed below will be given every year.

201. History of Mathematics.—3 s.h.

PROFESSOR RANKIN

204. The Teaching of Mathematics.—Prerequisite: course 100 unless the two are taken simultaneously. 3 s.h.

PROFESSOR RANKIN

207. **Fundamental Concepts of Algebra and Geometry.**—Prerequisite: course 100. 3 s.h. PROFESSOR RANKIN
225. **Theory of Equations and Determinants.**—Prerequisite: course 55. 3 s.h. STAFF
226. **Galois Theory of Equations.**—Prerequisite: course 225. 3 s.h. ASSOCIATE PROFESSOR CARLITZ
228. **Number Theory.**—Prerequisite: course 100. 3 s.h. ASSISTANT PROFESSOR ROBERTS
- 220-230. **Theory of Algebraic Numbers.**—Prerequisite: course 225. 6 s.h. ASSOCIATE PROFESSOR CARLITZ
231. **Differential Equations.**—Prerequisite: course 100. 3 s.h. STAFF
- 235-236. **Modern Higher Algebra.**—Prerequisite: course 55. 6 s.h. PROFESSOR THOMAS
- 239-240. **Advanced Calculus.**—Prerequisite: course 100. 6 s.h. PROFESSOR ELLIOTT
250. **Modern Geometry.**—Prerequisite: course 55. 3 s.h. PROFESSOR RANKIN
252. **Non-Euclidean Geometry.**—Prerequisite: course 100. 3 s.h. ASSISTANT PROFESSOR ROBERTS
- 255-256. **Projective Geometry.**—Prerequisite: course 55. 6 s.h. PROFESSOR THOMAS
259. **Analytic Geometry of Space.**—Prerequisite: course 55. 3 s.h. PROFESSOR ELLIOTT
275. **Probability.**—Prerequisite: course 100. 3 s.h. ASSISTANT PROFESSOR MILES
280. **Fourier's Series and Spherical Harmonics.**—Prerequisite: course 100. 3 s.h. ASSOCIATE PROFESSOR GERGEN
281. **Elementary Potential Theory.**—Prerequisite: course 100. 3 s.h. ASSISTANT PROFESSOR MILES
284. **Vector Analysis.**—Prerequisite: course 100. 3 s.h. PROFESSOR ELLIOTT
287. **Mathematical Logic.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ
288. **Foundations of Mathematics.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ

DEPARTMENTAL MAJOR

Prerequisites: Six semester-hours of Freshman mathematics.

Major Requirements: Courses 50, 55, 100, or their equivalents, and twelve semester-hours in courses numbered above 100. These twelve hours must be approved by the Department.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Six semester-hours of Freshman mathematics, courses 50 and 55, or their equivalents, with an average grade of "B" or better.

Candidates for Honors in mathematics should have a practical reading knowledge of French and German. A deficiency in either should be made up, if possible, during the Junior year.

Honors Work:

(a) Course Requirements in the Major Subject: During the Honors program a candidate must complete, with an average of "B" or better, a minimum of eighteen semester-hours from the regular courses in the catalogue numbered 100 or above, and at least six of these eighteen hours must be in courses numbered 200 or above. These courses must be approved by the Department.

(b) Tutorial Requirements: During the Honors program a candidate will be assigned readings in special topics under the personal supervision of a tutor. Consultations, reports, and examinations on these readings will be assigned by the tutor. This tutorial work will count from 6 to 10 semester-hours toward graduation.

(c) Course Requirements in Related Work: A minimum of 15 semester-hours must be taken in other departments approved by the major department.

The Department may approve the remainder of the 49 hours in either (a) or (c).

General Honors Examination: At the end of the Senior year each candidate reading for Honors in mathematics must take a comprehensive examination on his Honors program. This examination may be written, oral, or both. Faculty members from other departments or other institutions may be invited to participate in this examination.

MUSIC

MR. BROADHEAD, DIRECTOR OF UNDERGRADUATE STUDIES AND SUPERVISOR OF FRESHMAN INSTRUCTION

63. History of Music to Beethoven.—3 s.h. Mr. BROADHEAD

64. History of Music from Beethoven to the Present.—3 s.h.
Mr. BROADHEAD

111-112. Harmony.—6 s.h. Mr. BROADHEAD

PHILOSOPHY

PROFESSOR WIDGERY, CHAIRMAN; ASSOCIATE PROFESSOR MORGAN, DIRECTOR OF UNDERGRADUATE STUDIES; DR. McLARTY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS GILBERT, SMITH, AND STERN; ASSISTANT PROFESSOR LEONARD

*For courses marked * there is a prerequisite of three hours, and those marked † six hours of philosophy; admission otherwise by permission of the instructor. Sophomores may in general take courses prescribed for Juniors by permission of the instructor.*

98. Introduction to Ethics.—3 s.h.
PROFESSOR GILBERT AND ASSOCIATE PROFESSOR MORGAN

101. Introduction to Philosophy.—3 s.h.
PROFESSOR WIDGERY AND DR. McLARTY
PROFESSOR GILBERT

103. Logic. ASSISTANT PROFESSOR LEONARD

104. Scientific Methodology. ASSISTANT PROFESSOR LEONARD

105. Introduction to the History of Philosophy: Ancient and Medieval.—3 s.h. DR. McLARTY

106. Introduction to the History of Philosophy: Modern.—3 s.h.
PROFESSOR WIDGERY
108. Philosophical Ideas in Ancient Greek and Roman Culture.—
[Not offered in 1937-38] DR. McLARTY
- 109-110. Plato.—Euripides.—6 s.h. Greek 107-108.
ASSISTANT PROFESSOR WAY
111. Seventeenth-Century Philosophy, with Special Reference to Spinoza.*—
PROFESSOR GILBERT
112. The Development of American Philosophy.*—
ASSOCIATE PROFESSOR MORGAN
- FOR SENIORS AND GRADUATES
- 201-202. The Philosophy of Art.—6 s.h. PROFESSOR GILBERT
203. The Philosophy of Conduct.—3 s.h.† ASSOCIATE PROFESSOR MORGAN
204. Christian Ethics.—3 s.h.* DR. McLARTY
205. The Philosophy of History.—3 s.h. PROFESSOR WIDGERY
[Not offered in 1937-38]
206. Modern Political Theory.—3 s.h. Political Science 224.
PROFESSOR WILSON
207. Political Thought to the Seventeenth Century.—3 s.h. Political Science 223.
PROFESSOR WILSON
208. Political Philosophy.—3 s.h. ASSOCIATE PROFESSOR MORGAN
- 209-210. The Philosophy of Religion.—6 s.h. PROFESSOR WIDGERY
212. Psychology of Belief.—2 s.h. Psychology 228.
ASSOCIATE PROFESSOR LUNDHOLM
- 213-214. History of Aesthetics.—6 s.h. PROFESSOR GILBERT
- 215-216. Plato.—6 s.h. Greek 209-210. ASSISTANT PROFESSOR WAY
217. The Philosophy of Aristotle.*—Prerequisite: course 105.
DR. McLARTY
- 219-220. The Age of the Renaissance.—6 s.h. History 221-222.
ASSISTANT PROFESSOR NELSON
222. Philosophical and Psychological Problems of Critical Personalism.—
2 s.h. PROFESSOR STERN
223. Contemporary Philosophy.—3 s.h.† PROFESSOR WIDGERY
226. The History of Ethics.—3 s.h.* ASSOCIATE PROFESSOR MORGAN
227. Fundamental Concepts of Mathematics.—
ASSOCIATE PROFESSOR CARLITZ
228. Mathematical Logic.—
ASSOCIATE PROFESSOR CARLITZ
- 229-230. Contemporary Physics.—6 s.h. Physics 213-214.
PROFESSOR NIELSEN; ASSISTANT PROFESSORS CONSTANT AND MOUZON

231-232. Philosophy of Science.—

ASSISTANT PROFESSOR LEONARD

234. Introduction to the Philosophy of Education.—3 s.h. Education 200.

PROFESSOR HOLTON

DEPARTMENTAL MAJOR

The student is required to take courses amounting to at least eighteen credit hours in the Department. Of these six must be Philosophy 105-106, Introduction to the History of Philosophy; and six must be from courses in the 200 series. The student is advised to consult with an instructor in the Department as to the courses most suitable to fit in his general plan of study.

DEPARTMENTAL HONORS PROGRAM

a. For admission to candidacy for Honors in philosophy, the student at the close of his Sophomore year must have obtained in that year grades of "A" or "B" in courses which in the judgment of the Departmental Committee justify his admission as a candidate for Honors in philosophy.

b. Candidates for Honors shall complete the following program of work: six credit hours in the following subjects: 1. Introduction to Philosophy; 2. Introduction to the History of Philosophy; 3. Logic and Scientific Methodology; 4. Philosophy of Conduct and Christian Ethics; 5. Aesthetics; or Philosophy of History and Political Philosophy; or Philosophy of Religion. By permission of the Departmental Committee a student may substitute for some of the above-mentioned courses others from the departmental list of courses which may in the opinion of the Committee be more suitable in his individual case.

c. Candidates must complete courses totaling not less than six credit hours in one of the following fields; such courses to be in the 200 series: mathematics, physics, biology, psychology, sociology, economics, political science, psychology of religion.

d. Candidates will be allowed thirteen credit hours for directed and supervised reading around a special subject upon which an essay must be prepared for submission not later than May 15 of the year of graduation.

e. Candidates will be given a comprehensive examination sometime in the latter half of May in the year of graduation; such examination to be five three-hour papers upon subjects selected from those mentioned above, such selection to be by the particular Honors supervisor in consultation with the student.

PHILOSOPHY IN DIVISIONAL HONORS

Philosophy is included in the programs for Divisional Honors in:

(A) Humanities (with English Literature and Fine Arts).

(B) Social Sciences (with Economics and Political Science).

For details concerning these Divisional Honors, see pages 52-55.

The philosophical section will include supervised readings and tutorial instruction, as follows:

(A) The Humanities:

(1) Greek Philosophy.

(2) Aesthetics.

DR. McLARTY
PROFESSOR GILBERT

(B) The Social Sciences:

(1) Ethics.

(2) Social Philosophy.

DR. McLARTY
ASSOCIATE PROFESSOR MORGAN

PHYSICS

PROFESSOR NIELSEN, CHAIRMAN; PROFESSOR HATLEY, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR CARPENTER, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS EDWARDS, NORDHEIM, AND SPONER; ASSISTANT PROFESSORS CONSTANT AND MOUZON; DR. BONNER

1-2. Introductory Physics.—8 s.h.

PROFESSORS EDWARDS AND HATLEY; ASSISTANT PROFESSOR CARPENTER; AND ASSISTANTS

51-52. General Physics.—Prerequisites: Mathematics 1-2 or 3-4 or the equivalent. 10 s.h.

PROFESSOR HATLEY; ASSISTANT PROFESSOR CARPENTER; AND ASSISTANTS

57-58. Physics for Engineers.—10 s.h.

ASSISTANT PROFESSOR MOUZON AND ASSISTANT

59. Elementary Atomic Physics.—Prerequisite: a year course in general college physics. 3 s.h.

PROFESSOR NIELSEN

60. Optics and Optical Instruments.—Prerequisite: a year course in general college physics. 3 s.h.

PROFESSOR EDWARDS

61. Mechanics.—Prerequisite: a year course in general college physics. 3 s.h.

ASSISTANT PROFESSOR CARPENTER

62. Heat.—Prerequisite: a year course in general physics. 3 s.h.

ASSISTANT PROFESSOR CARPENTER

64. Teachers' Physics.—Prerequisite: Physics 1-2. 3 s.h.

ASSISTANT PROFESSOR CARPENTER

65-66. Intermediate Physics.—Prerequisite: a year course in General Physics. 6 s.h.

PROFESSOR EDWARDS

103. Electricity and Magnetism.—Prerequisite: a year course in general college physics. 3 s.h.

ASSISTANT PROFESSOR CONSTANT

104. Electrical Measurements.—A fundamental course in electrical engineering or course 103 is a prerequisite. 3 s.h.

PROFESSOR NIELSEN

203-204. Analytical Mechanics.—6 s.h.

ASSISTANT PROFESSOR MOUZON

205-206. Physical Optics.—6 s.h.

PROFESSOR HATLEY

211. History of Physics.—2 s.h.

PROFESSOR EDWARDS

213-214. Contemporary Physics.—6 s.h.

ASSISTANT PROFESSOR CONSTANT

215-216. Atomic Physics Laboratory.—2 s.h.

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

217-218. Advanced General Physics Laboratory.—2 s.h.

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

221-222. Introduction to Theoretical Physics.—6 s.h.

ASSISTANT PROFESSOR CONSTANT

DEPARTMENTAL MAJORS

A. For the degree of A.B.

Prerequisites: Physics 1-2 or 51-52 or 57-58 and Mathematics 1-2 or 3-4 or the equivalent.

Major Requirements: The student must have 12 s.h. from Physics 59, 60, 61, 62, 103, 104 and must complete 203-204 and 213-214.

B. For the degree of B.S.

Prerequisites: Physics 1-2 or 51-52 or 57-58 and Mathematics 1-2 or 3-4 or the equivalent and Chemistry 1-2.

Major Requirements: The student must have 6 s.h. from Physics 59, 60, 61, 62, 103, 104 and must complete 213-214, 215-216, and 221-222.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Physics 1-2 or 51-52 or 57-58; Chemistry 1-2 and Mathematics 1-2 or 3-4 or the equivalent.

Honors Work: Physics 103-104, 215-216, and 221-222; Mathematics 55-100 and either a course in geology or an advanced course in chemistry, botany, zoology or a mathematics course beyond integral calculus.

In addition, the student will arrange with his Adviser for the performance of a limited number of elementary physical investigations. This will consist of both readings and experimental work which in general will constitute a survey of the classical and modern aspects of physics. The credit allowed for this may range from 9 to 10 hours depending upon the amount and quality of the work done.

At the end of both the Junior and Senior years the student will be given both an oral and a written examination in the field of physics.

POLITICAL SCIENCE

PROFESSOR WILSON, CHAIRMAN; PROFESSOR RANKIN, DIRECTOR OF UNDERGRADUATE STUDIES; DR. GIBSON, SUPERVISOR OF FRESHMAN INSTRUCTION; ASSOCIATE PROFESSOR COLE; DRS. LINEBARGER AND SIMPSON

21. Principles of Government.—3 s.h. DRS. GIBSON AND SIMPSON

22. Governmental Problems in International Relations.—3 s.h.
DRS. GIBSON AND SIMPSON

61-62. American Government and Politics.—6 s.h.
PROFESSORS WILSON AND RANKIN; ASSOCIATE PROFESSOR COLE;
DRS. GIBSON AND SIMPSON

125. American Political Parties and Practical Politics.—3 s.h.
ASSOCIATE PROFESSOR COLE

136. Major European Governments and Japan.—3 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR COLE

164. Government Control of Railroads.—3 s.h.
ASSOCIATE PROFESSOR COLE

207. American Constitutional Law and Theory.—3 s.h.
PROFESSOR WILSON

209. State and Local Government in the United States.—3 s.h.
PROFESSOR RANKIN

223. Political Thought to the Seventeenth Century.—3 s.h.
PROFESSOR WILSON

224. Modern Political Theory.—3 s.h. PROFESSOR WILSON

225-226. Comparative Government.—6 s.h.
ASSOCIATE PROFESSOR COLE

- 227-228. International Law and International Organization.—6 s.h.
PROFESSOR WILSON
230. American Political Institutions.—3 s.h.
[Not offered in 1937-38] PROFESSOR RANKIN
291. Municipal Government.—3 s.h. PROFESSOR RANKIN
292. Municipal Administration.—3 s.h. PROFESSOR RANKIN

DEPARTMENTAL MAJOR

Prerequisite: Political Science 61-62.

Major Requirements: Eighteen semester-hours of work in the Department above Course 61-62, including twelve semester-hours in Senior-Graduate courses. Courses 21 and 22 may not be counted toward a major.

HONORS WORK

The Departments of Political Science, Economics, and Philosophy form an Honors Group within the Division of the Social Sciences.

Honors readings in political science are as follows:

Comparative Government.—The theory and practice of modern European dictatorships and democracies. ASSOCIATE PROFESSOR COLE

Political Theory.—A consideration of political theory from the French Revolution to the present, with particular reference to American contributions. ASSOCIATE PROFESSOR COLE

Government Regulation of Industry.—A consideration of various problems, primarily legal and administrative, involved in the governmental regulation of industry in the United States. STAFF

PSYCHOLOGY

PROFESSOR MCDUGALL, CHAIRMAN; ASSOCIATE PROFESSOR ZENER, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSORS LUNDHOLM, RHINE, AND STERN; ASSISTANT PROFESSOR ADAMS; DRs. MCCULLOCH AND PRATT

*101. Introduction to Psychology: General Principles of Mental Activity.—3 s.h. PROFESSORS MCDUGALL AND LUNDHOLM
DR. PRATT

102. Introduction to Psychology: With Special Reference to the Life and Growth of Intellect.—3 s.h. ASSOCIATE PROFESSOR ZENER

104. Comparative Psychology.—3 s.h. ASSISTANT PROFESSOR ADAMS

107-108. Psychological Analysis of Prominent Characters in Literature.—2 s.h. PROFESSOR LUNDHOLM

114. Psychology of Personality.—3 s.h. PROFESSOR RHINE

115. Introduction to Child Psychology.—3 s.h. ASSISTANT PROFESSOR ADAMS

201. Social Psychology.—2 s.h. PROFESSOR MCDUGALL

* This course is a prerequisite for all other courses in psychology. It is not open to students of lower standing than Juniors, except Sophomores who have made an average grade of "B" or better.

202. Psychology of Aesthetics.—3 s.h. PROFESSOR LUNDHOLM
205. General Psychology (Selected Problems).—3 s.h. PROFESSOR STERN
207. Experimental Psychology.—3 s.h. ASSOCIATE PROFESSOR ZENER
210. Advanced Laboratory Methods in Psychology, with Lectures.—4 s.h. ASSOCIATE PROFESSOR ZENER
211. Neurological Foundations of Behavior: A Comparative Study of the Structure and Function of the Nervous System in Relation to Behavior.—4 s.h. ASSOCIATE PROFESSOR ZENER
212. Developmental Psychology.—3 s.h. PROFESSOR STERN
216. Seminar in Comparative Psychology.—2 or 3 s.h. ASSISTANT PROFESSOR ADAMS
217. Gestalt Theory.—3 s.h. ASSISTANT PROFESSOR ADAMS
[Not offered in 1937-38]
219. History of Psychology.—2 s.h. PROFESSOR McDUGALL
[Not offered in 1937-38]
222. Philosophical and Psychological Problems of Critical Personalism.—2 s.h. PROFESSOR STERN
223. Abnormal Psychology.—3 s.h. PROFESSOR LUNDHOLM
224. Laboratory Methods in Animal Psychology.—3 s.h. ASSISTANT PROFESSOR ADAMS
[Not offered in 1937-38]
226. Contemporary Schools of Psychology.—3 s.h. ASSOCIATE PROFESSOR ZENER
[Not offered in 1937-38]
228. Psychology of Belief.—2 s.h. PROFESSOR LUNDHOLM

COURSES OFFERED IN OTHER DEPARTMENTS RELATED TO PSYCHOLOGY

- 313-314. Psychology of Religion.—4 s.h. PROFESSOR HICKMAN
212. Sociology.—3 s.h. PROFESSOR JENSEN
- 227-228. Educational Psychology.—3 s.h. ASSISTANT PROFESSOR EASLEY

DEPARTMENTAL MAJOR

Prerequisites: Zoology 1 and 2 or Botany 1 and 2, or equivalent courses in biology.

Major Requirements: Psychology 101 and fifteen hours of psychology in other courses, including not less than six semester-hours in Senior-Graduate courses.

Students proposing to major in psychology are advised to consult with some member of the Department before registering, or as soon as possible afterwards.

DEPARTMENTAL HONORS PROGRAM

A. For admission to candidacy for Honors in psychology, the student must have completed the following courses: Psychology 101,* Zoology 1 and 2 or Botany 1 and 2 or approved equivalents.

* May be taken as Summer School course at end of Sophomore year.

B. Candidates for Honors shall complete:

I. Courses in psychology (*in addition to Psychology 101*) amounting to 18 semester-hours, of which courses not less than 3 shall be Senior-Graduate courses.

II. The candidate shall concentrate, under the advice of a member of the Department, in one of the three following divisions: Humanities, Social Sciences, Natural Sciences.

III. The candidate shall be assigned by his Departmental Supervisor, special reading in some defined field of psychology, and toward the end of his Senior year shall submit to the Department a written thesis on some topic within the special field defined.

IV. Upon the completion of the above requirements to the satisfaction of the Departmental Committee, the candidate will, at the close of the Senior year, be admitted to the General Honors examination (partly oral, partly written) by the Committee. The examination will cover the whole field of psychology, with particular emphasis on the field in which the candidate has done special reading.

RELIGION

PROFESSOR MYERS, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR CRUM, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BRANSCOMB, CANNON, GARBER, HICKMAN, ORMOND, RUSSELL, SMITH, AND SPENCE; ASSISTANT PROFESSORS CLARK, PETREY AND STINESPRING; AND MRS. SPENCE

1. The English Bible.—3 s.h.

PROFESSORS MYERS AND ORMOND, ASSISTANT PROFESSOR CRUM, AND MRS. SPENCE

2. The English Bible.—3 s.h.

PROFESSORS MYERS AND ORMOND, ASSISTANT PROFESSOR CRUM, AND MRS. SPENCE

51. The History of the Hebrew People.—3 s.h.

PROFESSOR MYERS AND SPENCE, AND MRS. SPENCE

52. New Testament Literature.—3 s.h.

PROFESSORS MYERS AND SPENCE, AND MRS. SPENCE

101. The Social Teachings of the Prophets and Jesus.—3 s.h.

PROFESSOR ORMOND

102. The Christian Church in the Social Order.—3 s.h.

PROFESSOR ORMOND

103. The Prophets of the Old Testament.—3 s.h.

PROFESSOR MYERS

104. The History and Religion of the Jews to the Roman Period.—3 s.h.
[Not offered in 1937-38]

PROFESSOR MYERS

161. The Educational Work of the Church.—3 s.h.

PROFESSOR SPENCE

163. Religious Education of Children.—3 s.h.

MRS. SPENCE

169. Character Problems.—3 s.h.

ASSISTANT PROFESSOR CRUM

170. Religion and the Modern Home.—3 s.h.
ASSISTANT PROFESSOR CRUM
181. The Nature and Early Development of Religion.—3 s.h.
PROFESSOR CANNON
182. Founders and Literatures of Great Religions.—3 s.h.
PROFESSOR CANNON
- 203-204. Introduction to the Old Testament.—6 s.h.
ASSISTANT PROFESSOR STINESPRING
- 213-214. The Beginnings of Christianity.—6 s.h.
PROFESSOR RUSSELL
- SR.215. The Life of Jesus.—3 s.h.
PROFESSOR MYERS
- SR.216. The Teaching of Jesus.—3 s.h.
[Not offered in 1937-38]
PROFESSOR MYERS
- SR.270. Masterpieces of Great Religious Literature.—3 s.h.
PROFESSOR SPENCE
275. Introduction to the Psychology of Religion.—3 s.h.
PROFESSOR HICKMAN
276. Advanced Psychology of Religion.—Prerequisite: course 275 or its equivalent. 3 s.h.
PROFESSOR HICKMAN
203. The Philosophy of Conduct.—3 s.h.
DR. McLARTY
204. Christian Ethics.—3 s.h.
DR. McLARTY

ELECTIVE COURSES

All courses listed as acceptable in fulfilling the requirement in the Department of Religion are also open as electives for other students, with the exception of courses 1-2 and 51-52. After the requirements in religion have been met, consent of the instructor must be secured to be admitted to the other courses in the group offered to meet the requirements in the Department.

- 131-132. American Christianity.—Prerequisite: History 1-2 or its equivalent. 6 s.h.
PROFESSOR GARBER
[Not offered in 1937-38]
- 201-202. Introductory Hebrew.—6 s.h.
ASSISTANT PROFESSOR STINESPRING
- SR.211-212. Hellenistic Greek.—6 s.h.
ASSISTANT PROFESSOR CLARK
217. The New Testament in Greek.—Prerequisite: six semester-hours' study of the Greek language. 3 s.h.
ASSISTANT PROFESSOR CLARK
218. Galatians and I Corinthians.—Prerequisite: New Testament 217 or its equivalent. 3 s.h.
ASSISTANT PROFESSOR CLARK
219. Life of Paul.—3 s.h.
[Not offered in 1937-38]
PROFESSOR MYERS

220. I Peter and the Gospel of John.—Prerequisite: New Testament 217 or its equivalent. 3 s.h. ASSISTANT PROFESSOR CLARK
233. Church History to the Reformation.—3 s.h. PROFESSOR GARBER
234. History of the Evangelical Movement.—3 s.h. PROFESSOR GARBER
261. Foundations of Religious Education.—3 s.h. PROFESSOR SMITH
262. Organization of Religious Education.—3 s.h. PROFESSOR SPENCE
263. Curriculum of Religious Education.—3 s.h. PROFESSOR SPENCE
- SR.265. Religious Drama.—3 s.h. PROFESSOR SPENCE
266. Educational Aspects of Worship.—3 s.h. PROFESSOR SMITH
267. Technic of Teaching Religion.—3 s.h. PROFESSOR SPENCE
[Not offered in 1937-38]
- SR.268. Religious Drama Construction and Production.—3 s.h. PROFESSOR SPENCE
- SR.282. Living Religions of the World.—3 s.h. PROFESSOR CANNON
283. Expansion of Christianity.—3 s.h. PROFESSOR CANNON
[Not offered in 1937-38]
285. The Religions of India.—3 s.h. PROFESSOR CANNON
[Not offered in 1937-38]
286. The Religions of Eastern Asia.—3 s.h. PROFESSOR CANNON
[Not offered in 1937-38]

DEPARTMENTAL MAJOR

Prerequisite: Religion 1-2.

Major Requirements: A major in the Department of Religion consists of twenty-four semester-hours of work, exclusive of courses primarily for Freshmen; eighteen semester-hours of which shall be selected with the approval of the instructor under whose supervision the student does his major work.

DEPARTMENTAL HONORS

For admission to candidacy for Honors in the Department of Religion the student must have completed either Religion 1-2 or 51-52 with a grade of "B" or better in these courses, and have no grade of "D" in other subjects taken in the Freshman and Sophomore years.

Candidates for Honors shall complete the following: at least eighteen semester-hours of work in the regular curriculum courses of this Department, six semester-hours of which must be of Senior-Graduate level; twenty-one semester-hours of regular curriculum courses in related departments; Honors readings and tutorial work equivalent to ten semester-hours of course work.

The student in the Honors course shall prepare during the first year a preliminary report upon some subject embraced in his Honors readings. The following year, he shall prepare a more complete report or essay.

The final examination will be both oral and written, covering the general field of the candidate's study and the special field in which he has done his Honors readings.

ROMANCE LANGUAGES

PROFESSOR WEBB, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR DAVIS (FR.), AND DR. HASBROUCK (SPN.), SUPERVISORS OF FRESHMAN INSTRUCTION; PROFESSORS COWPER AND JORDAN; ASSOCIATE PROFESSORS LUNDEBERG AND WALTON; ASSISTANT PROFESSORS BRIDGERS AND YOUNG; DRs. AVILÈS AND QUINN; MR. DOW, MRS. DOW, AND MISS RAYMOND

FRENCH

1-2. Elementary French.—6 s.h.

ASSOCIATE PROFESSOR WALTON; ASSISTANT PROFESSOR BRIDGERS; MR. DOW

3-4. French Prose.—Prerequisites: French 1 and 2, or two years of high-school French. 6 s.h.

PROFESSORS WEBB, COWPER, AND JORDAN; ASSISTANT PROFESSOR DAVIS; DR. QUINN, MR. DOW, AND MISS RAYMOND

51. Introduction to French Literature.—Prerequisites: French 3 and 4 or equivalent. 3 s.h.

PROFESSOR COWPER; ASSOCIATE PROFESSOR WALTON; ASSISTANT PROFESSORS BRIDGERS, DAVIS, AND YOUNG; MISS RAYMOND

52. Introduction to French Literature.—Prerequisite: French 51 or equivalent. 3 s.h.

PROFESSOR COWPER; ASSOCIATE PROFESSOR WALTON; ASSISTANT PROFESSORS BRIDGERS, DAVIS, AND YOUNG; MISS RAYMOND

53. French Civilization.—Prerequisites: French 3 and 4 or equivalent. 3 s.h.

PROFESSOR JORDAN; ASSISTANT PROFESSOR BRIDGERS; DR. QUINN AND MR. DOW

May not be taken with or in addition to French 51.

54. French Civilization.—Prerequisite: French 53 or equivalent. 3 s.h.

PROFESSOR JORDAN; ASSISTANT PROFESSOR BRIDGERS; DR. QUINN AND MR. DOW

May not be taken with or in addition to French 52.

Students will take course 51-52 or 53-54. Total credit in these courses is limited to six semester-hours. They are the basic prerequisites to all higher courses.

55. Exercises in Spoken French.—1 s.h.

MME. LINIÈRE DOW

56. Exercises in Spoken French.—1 s.h.

MME. LINIÈRE DOW

87-88. French Writers of the Romantic Period.—6 s.h.

ASSISTANT PROFESSOR DAVIS AND MISS RAYMOND

May not be taken with or in addition to course 108.

107. French Composition.—3 s.h.

PROFESSOR COWPER AND MISS RAYMOND

108. The French Romantic Movement.—3 s.h.

PROFESSOR COWPER AND MISS RAYMOND

May not be taken with or in addition to course 87-88.

109. Molière.—3 s.h.

PROFESSOR WEBB

[Not offered in 1937-38]

110. Poems of Victor Hugo.—3 s.h. PROFESSOR WEBB
[Not offered in 1937-38]
111. French Drama since 1850.—3 s.h. ASSISTANT PROFESSOR YOUNG
112. French Drama since 1850.—3 s.h. ASSISTANT PROFESSOR YOUNG
113. French Classicism.—3 s.h. ASSOCIATE PROFESSOR WALTON
114. French Classicism.—3 s.h. ASSOCIATE PROFESSOR WALTON
127. Advanced French Composition.—Prerequisite: French 107. 3 s.h.
MME. LINIÈRE DOW
128. Advanced French Composition.—Prerequisite: course 107. 3 s.h.
MME. LINIÈRE DOW
- 215-216. The Modern French Novel.—Prerequisite: 6 s.h. from courses
87-88 and 108 to 114, inclusive. 6 s.h. PROFESSOR JORDAN
217. French Phonetics.—Prerequisite: 3 s.h. from course 107 or 127-128.
3 s.h. PROFESSOR WEBB
218. Materials and Methods.—Prerequisite: course 107 or equivalent. 3 s.h.
PROFESSOR WEBB
219. Old French.—3 s.h. PROFESSOR COWPER
220. Old French.—3 s.h. PROFESSOR COWPER
227. French Poetry since Theophile Gautier.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR WALTON
232. Rousseau and the Beginnings of Romanticism.—3 s.h.
[Not offered in 1937-38] PROFESSOR COWPER

ITALIAN

- 181-182. Italian.—6 s.h. PROFESSOR WEBB

SPANISH

- 1-2. Elementary Spanish.—6 s.h. STAFF
- 3-4. Intermediate Spanish.—Prerequisites: Spanish 1-2 or two years of
high-school Spanish. 6 s.h. STAFF
65. Introduction to Modern Spanish Literature.—Prerequisite: Spanish 3-4
or equivalent or Spanish 101-102 with minimum grade of "B" and Senior
standing. 3 s.h.
ASSOCIATE PROFESSOR LUNDEBERG, DRs. AVILÉS AND HASBROUCK
66. Introduction to Spanish Literature of the Golden Age.—Prerequisite:
Spanish 65 or equivalent. 3 s.h.
ASSOCIATE PROFESSOR LUNDEBERG, DRs. AVILÉS AND HASBROUCK

101-102. **Elementary Spanish.**—For Juniors and Seniors only. 6 s.h.

DR. HASBROUCK

153. **Spanish Phonetics.**—Prerequisites: Spanish 65-66, or 3-4 with minimum grade of "B" and Junior or Senior standing. 3 s.h.

ASSOCIATE PROFESSOR LUNDEBERG

154. **Advanced Spanish Composition and Conversation.**—Prerequisite: Spanish 153. 3 s.h.

DR. AVILÉS

155. **Literatura Hispanoamericana: La Pampa, Payadores y Gauchos en La Literatura Americana.**—Prerequisites: Spanish 65-66, or 3-4 with minimum grade of "B" and Junior or Senior standing. 3 s.h.

DR. AVILÉS

156. **La Tendencia Modernista en La Literatura Americana.**—Prerequisite: Spanish 155. 3 s.h.

DR. AVILÉS

FOR SENIORS AND GRADUATES

Prerequisites: 6 s.h. from courses 153 to 156 inclusive, or 65-66, with grade of "A."

261-262. **The Modern Spanish Novel.**—6 s.h.

[Not offered in 1937-38]

ASSOCIATE PROFESSOR LUNDEBERG

265. **Golden Age Literature: Cervantes.**—3 s.h.

ASSOCIATE PROFESSOR LUNDEBERG

266. **Golden Age Literature: The Don Juan Theme.**—3 s.h.

ASSOCIATE PROFESSOR LUNDEBERG

DEPARTMENTAL MAJORS

Prerequisites: French 1-2, 3-4, or equivalent, for French. Spanish 1-2, 3-4, or equivalent, for Spanish.

Major Requirements: In French, twenty-four semester-hours of work must be completed in courses above the Freshman level, and must include: (a) six semester-hours from the group 107, 127-128, 217; (b) six semester-hours of literature in courses numbered 215 to 232. Students desiring the recommendation of the Department for the teaching of French will take in addition French 218.

In Spanish, twenty-four semester hours must be completed as follows: eighteen hours in the courses 65-66, 153-154, 155-156; six hours from the group 261-262, 265-266.

SOCIOLOGY

PROFESSOR ELLWOOD, CHAIRMAN; PROFESSOR JENSEN, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR THOMPSON

91-92. **General Sociology.**—6 s.h.

PROFESSOR JENSEN

101. **General Sociology.**—5 s.h.

PROFESSOR ELLWOOD

102. **General Sociology.**—5 s.h.

PROFESSOR ELLWOOD

109. **Sociology of the South.**—Prerequisite: course 91-92 or 101. 3 s.h.

ASSISTANT PROFESSOR THOMPSON

111. **Introduction to Child Welfare.**—Prerequisite: course 91-92 or 101. 3 s.h.
PROFESSOR JENSEN
114. **Race Relations.**—Prerequisite: course 91-92 or 101. 3 s.h.
ASSISTANT PROFESSOR THOMPSON
205. **Social Pathology.**—Prerequisite: course 91-92 or 101. 3 s.h.
PROFESSOR JENSEN
206. **Criminology.**—Prerequisite: course 91-92 or 101. 3 s.h.
PROFESSOR JENSEN
213. **Constructive Social Policies.**—Prerequisite: course 91-92 or 101. 3 s.h.
[Not offered in 1937-38] PROFESSOR JENSEN
217. **General Anthropology.**—3 s.h. ASSISTANT PROFESSOR _____
218. **Cultural Anthropology.**—Prerequisite: any one of the following courses: 91-92, 101 or 217. 3 s.h. ASSISTANT PROFESSOR _____
219. **Urban Sociology.**—Prerequisite: course 91-92 or 101. 3 s.h.
ASSISTANT PROFESSOR THOMPSON
220. **Rural Sociology.**—Prerequisite: course 91-92 or 101. 3 s.h.
ASSISTANT PROFESSOR THOMPSON
227. **Emigration and Immigration.**—Prerequisite: course 91-92. 3 s.h.
[Not offered in 1937-38] PROFESSOR JENSEN

DEPARTMENTAL MAJOR

Students desiring to take a major in sociology are required to complete course 91-92 or 101 or 102 and twelve additional hours in the Department.

ZOOLOGY

PROFESSOR PEARSE, CHAIRMAN; ASSOCIATE PROFESSOR GRAY, DIRECTOR OF UNDERGRADUATE STUDIES; DR. BOOKHOUT, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS CUNNINGHAM, HALL, AND HARGITT; ASSISTANT PROFESSOR HOPKINS; DRS. JEFFERS AND JOHNSON

1. **General Zoology.**—4 s.h.
DR. BOOKHOUT, MISS CULBRETH, AND ASSISTANTS
2. **Animal Biology.**—Prerequisite: Zoology 1. 4 s.h.
ASSOCIATE PROFESSOR GRAY, MISS CULBRETH,
DR. BOOKHOUT, AND ASSISTANTS
53. **Comparative Vertebrate Anatomy.**—Prerequisites: Zoology 1 and 2. 4 s.h.
ASSOCIATE PROFESSOR GRAY, MISS CULBRETH, AND ASSISTANTS
92. **General Embryology.**—Prerequisite: Zoology 53. 4 s.h.
PROFESSOR CUNNINGHAM, DR. BOOKHOUT, AND ASSISTANTS
108. **Evolution.**—Prerequisite: two years of zoology. 2 s.h.
PROFESSOR HALL
114. **Protozoology.**—Prerequisite: one year of zoology. 4 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR HOPKINS

151. **Comparative Physiology.**—Prerequisite: Zoology 53. 4 s.h.

PROFESSOR HALL AND ASSISTANTS

156. **Vertebrate Histology.**—Prerequisite: Zoology 53. One lecture and three laboratory periods. 4 s.h.

PROFESSOR HARGITT

161. **Animal Parasites.**—Prerequisite: one year of zoology. 4 s.h.

PROFESSOR PEARSE

174. **Invertebrate Zoology.**—Prerequisites: Zoology 1 and 2. 4 s.h.

DR. BOOKHOUT

219-220. **Special Problems.**

STAFF

222. **Entomology.**—Prerequisite: one year of zoology. 4 s.h.

ASSOCIATE PROFESSOR GRAY

229. **Endocrinology.**—Prerequisites: Zoology 53 and 92. 3 or 4 s.h.

PROFESSOR CUNNINGHAM

256. **Seminar: Current Developments in Physiological Zoology.**—Prerequisite: Zoology 151. 2 s.h.

PROFESSOR HALL

DEPARTMENTAL MAJOR

Prerequisites: Zoology 1 and 2.

Major Requirements: Twenty-four semester-hours including courses 53, 92, 151, and either 156 or 174. The remaining eight hours may be from any other courses for which the student is eligible.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in zoology a student is expected to have completed zoology courses 1, 2, 53, and 92 and not less than eight semester-hours of chemistry.

The Honors Program will not necessarily be the same for all students. Courses 151, either 156 or 174, and eight additional hours of zoology are required. From twelve to twenty semester-hours of science other than zoology will be expected; the number of hours and the courses to be taken will depend upon the needs and interests of the student.

Each student will read in such fields as history of biology, zoological theories, or in special fields, and will undertake a special problem. He will meet regularly with his Honors Adviser. He may be asked to prepare written reports on his readings and must present a written report on his problem. Readings and problem may count for nine to twelve semester-hours.

At the end of the Junior year an examination will be given to test the student's ability to correlate material and to determine his fitness to continue in the Honors Course. At the end of the Senior year a general comprehensive examination covering the entire field of study must be passed.

GENERAL REGULATIONS

The academic year is divided into two semesters. The first semester of the academic year 1937-38 begins September 22; the second, February 1. Commencement is held on Monday, after the first Sunday in June. Commencement Day, 1938, is June 6.

MATRICULATION, REGISTRATION, AND ENROLLMENT

All students must appear before the Committee on Admission and obtain cards for admission. Cards of admission must be presented at the Treasurer's Office at the time of matriculation. All students, both old and new, are required to matriculate at the beginning of each semester and to obtain from the Treasurer a certificate of matriculation which serves also as an enrollment card.

COURSE CARDS

Members of the Freshman, Sophomore, and Junior classes are required to submit to the Dean, not later than the date of spring registration, cards showing their selection of courses for the following year. These cards must be approved by the Dean.

EXAMINATIONS

Mid-year and final examinations are held in all subjects in January and May, respectively. The examination record combined with the record made in class constitutes the student's final grade.

REGULATIONS REGARDING GRADES

The following regulations have been adopted by the Faculty:

Grades shall be reported so as to indicate one of four things:

(1) *Passed.* A grade of "A," "B," "C," or "D" shall indicate that a student has passed a course. The work of this group of students shall be graded according to the following system: "A": exceptional; "B": superior; "C": medium; "D": inferior.

(2) *Failed.* A grade of "F" shall indicate that the student has failed in the course and that in order to receive credit for the course he shall be obliged to take the work again in class.

(3) *Incomplete.* (a) A grade of "I" may be reported by the instructor if for any reason he is unable to report the final grade at the regular time. (b) All students (with incomplete grades) who have not satisfied the requirements of the departments concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "I" was incurred are

regarded as having failed on the course concerned and must repeat the work in class in order to receive credit.

(4) *Absent from Final Examination.* (a) The grade "X" shall indicate that the student was absent from the final examination. (b) A student absent from examination and marked "X," if his absence has been excused by the Dean of the College, may receive an examination on the payment of a fee of \$3.00 to the Treasurer of the University. The department concerned shall arrange for the examination in cases where absences are incurred and excused, and the grade reported in these cases shall be that earned by the student. (c) All students (with "X" grades) who have not satisfied the requirements of the department concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "X" was incurred, are regarded as having failed on the course concerned and must repeat the work in class in order to receive credit. (d) If a student's absence from an examination is not excused by the Dean of the College, his grade for the course concerned shall be recorded as "F."

EXPLANATION OF QUALITY-POINT SYSTEM

The requirements for the degree are reckoned not only in semester-hours but also in quality-points. Quality-points are the points earned by a student according to his grades, for each semester-hour of credit. The grade "A" gives three quality-points for each semester-hour of credit; the grade "B" two quality-points; the grade "C" one quality-point. The grade "D" carries no credit in quality-points. For the grade "F" one quality-point is deducted for each semester-hour of failure. Credit for 122 quality-points, exclusive of those earned in physical education, is required for the degree of Bachelor of Arts or Bachelor of Science in all groups.

NUMBER OF HOURS OF CLASS WORK

No undergraduate student is allowed to take less than fourteen hours of class work a week without special permission of the Dean.

No undergraduate student may take more than seventeen semester-hours of work in one semester, if he fails to make eighteen quality-points on the work of the preceding semester.

CLASS STANDING

For a student to rank as a Sophomore, he must have to his credit twenty-four semester-hours with an average grade of "C"; as a Junior, fifty-six semester-hours with an average grade of "C"; as a Senior, ninety semester-hours, with an average grade of "C."

SENIOR WORK

A student of the Senior Class, irrespective of his average grade in preceding years, must, in order to be eligible for graduation, complete his work of the Senior year with an average grade of "C" or better.

EXCLUSION FOR FAILURE

A student of the Freshman Class entering college for the first time is not permitted to remain in the University in the second semester unless he passes as much as six semester-hours of the work of the first semester; any other student is not permitted to remain in the University in the second semester unless he passes as much as nine semester-hours of work in the first semester.

A student of the Freshman Class is not permitted to re-enter in September, nor to enter Summer School, if he did not pass at least eighteen semester-hours of the work in the previous year; any other student is not permitted to re-enter in September, nor to enter the Summer School, if he did not pass at least nine semester-hours of work in the second semester of the previous year and a total of eighteen semester-hours of work for the entire year.

STUDENTS TRANSFERRING

Students whose advanced credits from another institution are accepted by the University will be given an average grade of "C" on the semester-hours with which they are credited, provided their grades warrant it.

DEFICIENCIES IN COMPOSITION

The following regulations have been adopted by the Faculty:

1. Any Freshman who is found by the English Department to be unable to handle satisfactorily the work of composition in English 1-2 is required to take special work until he is able to do satisfactorily the regular work of English 1-2.

2. No student who has failed in English 1-2 or 53 is permitted to become a special student without continuing his work in composition until he has made up his deficiency in this work.

3. Whenever the work of a student in any subject is satisfactory to an instructor except for gross errors in English, the instructor concerned may hand in a provisional grade only. This grade may not be recorded in the college files until the student shall have improved his work in composition to the satisfaction of the English Department. A list of such provisional grades, along with evidence of deficiencies, shall be furnished the English Department each term by the officers in charge of the grades, and a report shall be made by this department when the deficiencies shall have been removed.

4. All instructors are requested to advise their students each semester concerning these regulations.

CANDIDATES FOR ACADEMIC DEGREES

1. A tentative list of all candidates for the Bachelor's degree shall be prepared under the supervision of the Dean of the College as early in the college year as possible, shall be read by him to the Faculty at its

first regular meeting in October, shall be furnished in copy to each department of instruction for information and reference, and also shall be posted in copy on the official bulletin board of the University for the information of the students concerned.

2. Copies of a second such tentative list likewise shall be prepared, read, and distributed by April 15.

3. A final list of all candidates for the degree shall be read by the Dean to the Faculty at its first regular meeting in May and shall be adopted by the Faculty as the final list. After the adoption of this list no name may be added to it

4. Students who during Summer School complete the requirements for a degree shall be classified for graduation as of the year following the Summer School in which the work was completed, and their name shall so appear in the catalogue of the University and on the Commencement Program.

THE DEAN'S LIST

Students of the Junior and Senior classes who, at the mid-year or final examinations, have attained in Duke University an average of "B" in their courses of the half-year just closed and who have not received a grade of "F" in any course may be placed on the Dean's List for the succeeding half year. The privilege of the Dean's List is also extended to eligible members of the Sophomore Class during their second semester.

The name of a student may be withdrawn from the List at any time by the Dean, if the student fails to maintain a satisfactory standard of scholarship and conduct.

Students whose names are on the Dean's List will not be subject to the general regulations of the University governing class attendance. This privilege, however, may not be exercised in courses primarily open to Freshmen. Furthermore, such students are required to be present at the meeting of classes immediately before and after any holiday, unless they are excused by the Dean of the College.

If for any reason a student is removed from the Dean's List during, or at the close of, the second semester of his Junior year, his name may not be reinstated on the List.

CLASS ATTENDANCE AND ABSENCES

Regular and punctual attendance in class work is required of all students not on the Dean's List.

ASSEMBLY AND CLASS MEETINGS

TRINITY COLLEGE

There shall be held on the first Thursday of each month of the college year in Page Auditorium from 12:30 P.M. to 12:50 P.M., an assembly of all Seniors, Juniors, Sophomores and Advanced Freshmen of Trinity

College, and at this period of the day separate meetings of these four groups on the second, third, and fourth Mondays or Thursdays of each month. There shall be a class meeting of the Freshman Class on each Saturday of every month at the time named above.

Attendance upon all of these meetings is compulsory for all students involved. Any student incurring in a semester a total of more than four absences from them automatically excludes himself from college.

WOMAN'S COLLEGE

An assembly is held each Tuesday, Wednesday, and Thursday in the Woman's College Auditorium. The hour is 12:30 P.M. on Tuesday, 12:40 P.M. on Wednesday and Thursday. Freshmen and transfer Sophomores are required to attend each day, Sophomores on Wednesday and Thursday, and Juniors and Seniors on Thursday. A meeting of the Freshman Class is held each Monday at the assembly hour, and the other classes meet at appointed times.

Attendance upon all of these meetings is compulsory for all students involved.

SCHOLASTIC REGULATIONS FOR ATHLETIC AND OTHER ORGANIZATIONS

The following regulations have been adopted by the Faculty:

1. Any student who receives less than a passing grade on more than six hours of his required work of the preceding term shall be ineligible to represent the University in any athletic contest, concert, or other public event.

2. Members of athletic teams or other student groups engaging in public representation of the University are expected to be carrying satisfactorily their current work. A student may be barred from participation in such representation if, in the opinion of the Dean, he is not doing satisfactorily his current work.

Duke University is a member of the Southern (Athletic) Conference and observes the following scholastic requirement of that Conference:

"The scholastic requirement for eligibility to participate in varsity intercollegiate sports shall be for 1937-38 the passing by the applicant of a minimum of twenty-one semester-hours or thirty quarter hours of the work of his immediately preceding year in college; thereafter the passing of twenty-four semester-hours or thirty-six quarter hours of the said work; with the proviso that graduate students and students in schools of law and medicine become scholastically eligible on the certificate of the deans of their schools."

THE ATHLETIC COUNCIL

The Board of Trustees, at its regular annual meeting in June, 1907, created an Athletic Council to be composed of eleven members appointed annually: three from the Faculty, to be appointed by the President of the

University; four from the alumni, elected by the Alumni Association; and four from the undergraduates, one from each of the four classes, elected by the members of each class.

The three members of the Athletic Committee of the Faculty are the Faculty representatives in the Athletic Council. This committee alone has the responsibility of enforcing the scholastic and athletic requirements of the University for student participation in intercollegiate sports. The athletic eligibility rules are those of the Southern Conference; the scholarship requirements are printed elsewhere in this catalogue.

The Executive Committee of the Athletic Council is composed of the Chairman of the Faculty Committee on Athletics, and one other Faculty member and one alumni member of the Council. The Athletic Council on recommendations of its Executive Committee arranges athletic schedules, awards insignia of merit earned by members of athletic teams, and strives to promote among students of the University a proper and helpful athletic spirit; to encourage good fellowship in such sports both within the student body and toward student bodies of other educational institutions; through athletic sports to help to cultivate a high sense of honor, earnest, unselfish effort, and manly conduct. The Executive Committee of the Council recommends to the President of the University persons to serve as Graduate Manager of Athletics and as coaches in the various sports. However, the election of such persons rests solely with the Trustees of the University or the Executive Committee of the University, on recommendation of the President of the University.

All funds arising from athletics are handled entirely by the Treasurer of the University. An audit of the receipts and disbursements of these funds is made annually by the official auditors of the University.

REGULATIONS REGARDING PUBLIC LECTURES AND OTHER PUBLIC OCCASIONS

All public lectures or addresses and other public events that are given under the auspices of the University or of any organization in any way connected with the University are under the supervision of the Faculty Council on Public Lectures. All dates and programs must be approved by this council except in instances where such occasions have been placed under the supervision of the Director of Public Relations.

HEALTH AND PHYSICAL EDUCATION

The program of Health and Physical Education in Duke University has four distinct phases, as follows:

1. Student Health.
2. Physical Instruction.
3. Intramural Sports.
4. Intercollegiate Athletics.

PUBLICATIONS COUNCIL

The student publications of the University are under the control of a council that was established in 1924 and reorganized by the Executive Committee of the University in 1935, and is constituted as follows: three (3) members from the University Staff appointed by the President of the University; two (2) members from the alumni appointed by the President of the University; six (6) men from the Junior and Senior classes, elected by the students in Trinity College; four (4) women from the Junior and Senior classes, elected by the students in the Woman's College; and three (3) editors and three (3) managers of student publications, ex officio members without any voting power. With the advice of the Council, the President of the University appoints each year for each publication an advisory committee of three (3) members from the Staff of the University.

No student publication can be started at the University without the approval of the Council.

RELIGIOUS EXERCISES

Chapel exercises are conducted on Tuesday, Wednesday, and Friday throughout the academic year at 12:30 P.M. on the campus for men and at 12:40 P.M. on the campus for women. Preaching services are held on Sunday at 11:00 A.M. in the University Chapel. Organ recitals are given on Sunday afternoons. In the summer carillon and organ recitals are given twice a week.

UNIVERSITY LECTURES

THE AVERA BIBLE LECTURES

The Avera Bible Fund was established in 1897 in honor of the late W. H. Avera by his wife, who donated \$2500 for this purpose. The income from this amount is used to establish a lectureship and to provide a collection of books on Biblical literature.

JOHN MCTYEIRE FLOWERS LECTURES

The John McTyeire Flowers Lectures, established by Mr. B. N. Duke as a memorial to John McTyeire Flowers, a young alumnus of Trinity College who died in the Far East in 1905, were inaugurated in 1921.

UNIVERSITY LECTURE SERIES

The University Series of Lectures is given each year. These lectures are under the supervision of the committee on public lectures of the faculty.

DUKE UNIVERSITY DAY

In commemoration of the signing by the late James B. Duke, on December 11, 1924, of the indenture setting up The Duke Endowment, under which Trinity College was expanded into Duke University, special meetings are held at the University and by various alumni groups, a feature of these occasions being the addresses delivered by representatives of the University.

ALUMNI ORGANIZATIONS

GENERAL ALUMNI ASSOCIATION

The Alumni Association of Duke University is composed of the male graduates and former students of Trinity College and Duke University. The Association gives its annual luncheon on Monday of Commencement Week at which a message of greeting is given by a representative of the class holding its twenty-fifth anniversary reunion. The annual business meeting of the Association is held at this time.

GENERAL ALUMNAE ASSOCIATION

The Alumnae Association of Duke University is composed of the women graduates and former students of Trinity College and Duke University. The Association joins with the Alumni Association in the annual luncheon on Monday of Commencement Week, holding its annual business meeting immediately afterward.

GENERAL ALUMNI COUNCIL

To give definite direction and supervision in the campaign for the erection of the Alumni Memorial Gymnasium, and for other purposes, an Alumni Council was provided for at the June, 1919, meeting of the Alumni Association. Since that time the Council has developed into a working body for the promotion of alumni interests by reason of its size and frequency of meetings. The memberships is made up of representatives from local associations; class representatives, elected by reunion classes on the occasion of their fifth anniversary, or a multiple thereof; and officers of the Alumni Association.

GENERAL ALUMNAE COUNCIL

At the June, 1925, meeting of the Alumnae Association the Alumnae Council was organized to function in a manner similar to that of the Alumni Council, in the interest of the former women students and of the University. Its purpose and form of organization are very much the same as those of the Alumni Council.

THE ALUMNI OFFICE

The General Alumni Office was organized to promote the work of the local alumni and alumnae associations and to co-ordinate the various activities of the General Alumni and Alumnae Associations and the General Alumni and Alumnae Councils. Sixty-three county and local alumni associations have been formed in North Carolina and other states.

DUKE UNIVERSITY NEWS SERVICE

The Duke University News Service is the official publicity agency of the University for the purpose of sending out news to the press. It functions as a division of the Department of Public Relations and Alumni Affairs.

THE ALUMNI REGISTER OF DUKE UNIVERSITY

The Alumni Register of Duke University is a monthly magazine published by the Alumni Association in the interest of the alumni and the University. It aims to keep the alumni in touch with one another and with the University.

APPOINTMENTS OFFICE

With the co-operation of the Alumni Office, the University maintains an Appointments Office to serve graduates and advanced students of the institution on the one hand, and those who desire well-qualified persons for teaching and commercial positions on the other hand. The Appointments Office is divided into two sections: (1) the Division of Teacher Placement and (2) the Commercial Positions Division. There is a chairman in charge of each of these divisions, and a central Appointments Office for both is maintained in the Administration Building in charge of a full-time secretary.

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences and in history. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester, and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES

Matriculation, per semester.....	\$ 25.00
Tuition, per semester.....	100.00
Room-rent—See the detailed statement that follows.	
Athletic fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
Damage fee, payable annually at the time of first registration.....	1.00
Medical fee, per semester.....	5.00
Library fee, per semester.....	5.00
Commencement fee, payable annually at the beginning of the second semester	3.00
Publication fee:	
First semester.....	2.50
Second semester.....	3.00
Diploma fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00

LABORATORY AND MATERIALS FEES

Botany 1, 2, 52, 55, 104, 156, 202, 204, 221, and 256.....	\$ 2.50
Botany 51, 103, 151, 203, 216, and 252.....	5.00
Forest Botany 153, 224, and 253.....	2.50
Chemistry 1, 2, 61, 70, 81, 142, 215, 216, 231, 232, 260, 261 and 262.....	7.00
Chemistry 151, 152, 241, 242, 253 and 254.....	8.50
Education 1, 58, 68.....	1.00
Education 54 and 101.....	2.00
(See note under history below.)	
Education 115 and 116.....	7.50
Education 208 (for testing materials in lieu of text).....	2.50
Engineering	
Civil 10 and 110—See <i>Summer School Bulletin</i>	
Civil 11, 107, 111, 112, 113, 114, 117, 118, 119, 123, 124, and 240.....	2.00
Electrical 153, 154, 161, 162, 163, 258, 261, 262.....	2.00
Mechanical 189, 190, 193, 194, 199, and 200.....	2.50
Forestry 153, 224, 253, 258, and 264.....	2.50
Forestry 261.....	5.00
Geology 51, 52, 101, 151, and 152.....	2.50
Geology 102.....	5.00
Field trip in Geology 51-52 and 101-102 at cost.	

History 91 and 92.....	\$3.00
No texts are required in these courses, but a fee of \$3.00 is charged, and books are placed in the Library for the use of those taking the courses. This fee is payable at the beginning of the semester and is collected through the office of the Treasurer of the University.	
Physics 1, 2, 57, 58, 104, 205, 206, 215, 216, 217, 218.....	2.00
Physics 51-52.....	4.00
Zoology 1, 2, 92, 161, 174, 222.....	3.00
Zoology 53, 151, 156, 229, 324.....	5.00
Zoology, all other advanced laboratory courses.....	3.00

TEACHERS TAKING COLLEGE COURSES

Teachers in nearby schools, taking one or two courses, are required to pay a registration fee of \$5.00 each semester and a tuition fee of \$3.00 per semester-hour of credit in addition to any regular laboratory fee or other fees collected from those students taking the courses.

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a student are moderate; the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum of cost, while all charges made by the University have been kept low. Incidental expenses depend naturally upon the tastes and habits of the individual, but the actual necessary college expenses for one year, including board, room-rent, and such University fees as tuition, matriculation, commencement, library, damage, and medical, vary from \$574.50 to \$639.50. Books and laundry are not included in these figures.

LIVING ACCOMMODATIONS FOR MEN

Single room, per semester—Craven, Crowell, and Kilgo Quadrangles, West Campus	\$75.00
Double room, per student, per semester—Craven, Crowell, and Kilgo Quadrangles, West Campus	62.50
Double room, per student, per semester—Southgate Hall, East Campus	50.00
Double room, per student, per semester—Epworth Hall, East Campus	30.00

There are three groups of resident houses designated as Craven, Crowell, and Kilgo Quadrangles on the West Campus. The rooms are single, double, or arranged in suites of two rooms for four students. There are thirty-one houses within the three groups designated by the letters of the alphabet. There are also two dormitories on the East Campus used for men—Southgate and Epworth Halls. All of these rooms are equipped for two persons.

Kilgo Quadrangle (eight houses) has been set aside as a Freshman Dormitory. A portion of Southgate Hall has also been reserved for Freshmen studying Engineering. All Freshmen, except those living at home with their parents, are required to room in one of these dormitories.

Rooms are reserved only for applicants who have been officially accepted by the University, upon application to the Director in the Business Division, Duke Station, Durham, North Carolina. A reservation fee of

\$25.00 must accompany the application for a room. The reservation fee is deducted from the room charges at the time of registration for the fall semester. An applicant who is accepted and has a room reserved is not entitled to a refund of the reservation fee unless the request is made on or before August 1.

A resident student in order to retain his room for the succeeding year is requested to make application accompanied by a reservation fee of \$25.00 between April 15 and May 15 at the office of the Director in the Business Division. All rooms which have not been reserved on or before May 15 will be considered vacant for the succeeding year and will be reserved in the order in which applications are made.

Rooms are rented for no shorter period than one semester, or in the case of a medical student, one quarter, unless by special arrangement with the Director in the Business Division. A period of occupancy other than a semester or quarter and without special arrangement will be charged at a minimum rate of \$1.00 each day.

The authorities of Duke University do not assume the responsibility of selecting and assigning roommates, though they will gladly render any assistance possible.

DORMITORY REGULATIONS

Duke University is particularly eager that its students shall have the best dormitory life to be found in any institution, and to encourage this has provided buildings and equipment which are not surpassed. The Institution asks and believes that in return each student will respond to this effort by arranging his personal belongings in an orderly manner, and by caring for the buildings and furniture as he would do in the home of a friend. The following regulations are offered as a guide and a reminder that care is desired.

1. The student will be held responsible for any damage to the room or furnishings during the rental period, and will pay for all damage caused by his neglect, misuse or abuse of any part of the University property. Inspections will be made throughout the college year to observe the condition of the rooms and to advise students concerning the care of rooms, if necessary.

2. Maids will prepare the rooms daily except Sunday, the service beginning promptly at 8:00 o'clock A.M. and ceasing at 1:00 o'clock P.M., thereby giving the student complete use of his room during the afternoon.

3. University furniture or furnishings must not be removed from the room in which they have been placed by the University.

4. Electric wiring, door locks, window screens, steam or water lines should not be changed or added, since the University supervises and makes such changes as are necessary and advisable.

5. Pictures, pennants, clippings should be hung from the picture moulding and not tacked or pasted on walls or woodwork.

6. Each student is expected to supply necessary sheets, blankets, pillows, rugs and curtains. Furniture, beds and mattresses (39" x 74"), tables, chairs, dressers, mirrors, and window shades are furnished by the University.

7. All trunks and heavy luggage will be stored in the trunk rooms. Janitors will remove the trunks from the hallways to the storage rooms when they are unpacked.

8. The exchange of rooms or keys should be arranged for at the office. Any exchanges made otherwise will subject the participant to charges for both rooms.

9. The use or possession of intoxicating liquors, wines or beer, and gambling in any manner in any of the buildings or on the grounds of Duke University is forbidden.

10. Animals shall not be kept in the dormitories.

11. Women are permitted in the dormitories only when accompanied by the University Hostess.

12. The use of dormitory rooms as a sales office or storeroom, or the solicitation for sales or gifts, within the buildings or on the grounds is prohibited except by appointees of the University.

LIVING ACCOMMODATIONS FOR WOMEN

The Woman's College campus, known as the East Campus, is situated about a mile and a quarter from the West Campus, with a private road connecting the two.

Houses—The seven residence houses on the East Campus are Alspaugh, Aycock, Bassett, Joseph G. Brown, Giles, Jarvis, and Pegram. A plan of the houses will be sent upon request to the Director in the Business Division, College Station, Durham, North Carolina. Each house has a resident head of house and a paging system for announcing visitors.

Rooms—All questions concerning rooms should be addressed to the Director in the Business Division. The students' rooms are single, double, or arranged in suites of two rooms for two students.

Room Furnishings.—Rooms are supplied with all necessary furniture. Curtains, towels, sheets, pillow-slips, blankets, and heavy bed covering, etc., are furnished by the students. Sash curtains of a standard type are required and can be bought at the College Store. Draperies, rugs, and study lamps can be brought from home or bought at reasonable prices from the College Store or in the city.

Room Rent—

Single room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, and Brown Houses.....	\$87.50
Double room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, and Brown Houses.....	62.50
Single room, per student, per semester, Aycock and Jarvis.....	75.00
Double room, per student, per semester, Aycock and Jarvis.....	50.00

Room Reservation—A room reservation fee of \$25.00 is required before any room reservation can be made for new or returning students. This fee is deducted from the room charges at the time of registration for the fall semester. Applicants for admission are requested not to send the room reservation fee until notified of acceptance. Those who make application and are accepted will not be entitled to have the reservation fee refunded unless the request is made on or before August 1.

No room assignments will be made for new students until they have been officially accepted by the Council on Admissions.

Details relative to the signing of rooms by resident students will be posted on dormitory bulletin boards about April 15. Resident students have the right to retain their rooms for the ensuing year or to sign for new ones in the order of their class, beginning with the Seniors. The new students are then assigned the remaining rooms, and in so far as possible, the type of room which they prefer. The University is responsible for the fall semester only for securing roommates for new students desiring double rooms. After a student has been

a resident for one semester, the responsibility for securing and keeping a roommate is transferred to the student. If a student occupying a double room does not have a roommate by the date posted, approximately two weeks after the beginning of the semester, she will be required to pay double rent. The University is glad to co-operate in assisting the student to find a roommate.

When a room is once engaged by a student no change will be permitted except with the consent of the Director in the Business Division. Leaving one room and occupying another without permission is strictly against the rule and will render the offender liable to a charge for both rooms for the entire semester. No occupant is permitted to rent or sublet a room to another occupant. Rooms are rented for no shorter period than one semester. When a student leaves school before the end of the semester, the charge is \$1.00 per day unless the total charge on this basis is in excess of the room rent for the semester. All undergraduates who are not residents of Durham are required to live in the dormitories unless they are living with their parents or near relatives. An undergraduate woman who is over 21 years of age and who wishes to live in the city may make special arrangements with the Dean. Provision is made for graduate students to live on the campus.

No visitors are permitted in any sections of the dormitories which are occupied by women except by permission of the office of the Head of the House. Merchandising, solicitation, or advertising of any type is strictly forbidden within the dormitories.

BOARDING ACCOMMODATIONS

Trinity College, West Campus.—Beginning with the academic year 1930-31 the University opened its dining-hall in the Union on the West Campus with accommodations sufficient to provide in a superior way for all resident men students. Charges for board will not exceed \$25.00 per month.

The Union is the logical center of student activities for men, and it will be found desirable for male students to board in its supervised halls. In the Union are located the University Post Office, the University Store, the University Barbershop, and all publication staff offices.

In addition to the Union dining-halls, the Coffee Shop is operated for the convenience of students and visitors.

Woman's College, East Campus.—The dining-halls of the Woman's College are situated in the Union, the student center, on the East Campus. No resident woman is permitted to board elsewhere than at this Union. Board is \$112.50 per semester.

Because of the large number of those served in the Union dining-halls, it is not possible to arrange special diets for individual students. Special diet for the sick is served in the Infirmary.

The Union includes a Faculty dining-room, a lounge, and other rooms for various student activities.

LAWS REGULATING PAYMENTS

The Executive Committee of Duke University has enacted the following regulations which govern the payment of all fees due the University:

1. The President and the Treasurer of the University have no authority to suspend or in any way alter these regulations.

2. Matriculation and tuition fees are never refunded.
3. Any student who has failed to pay his bills on the dates advertised in the catalogue is denied the right to attend classes until his account is settled in full.
4. No student is considered by the Faculty as an applicant for graduation until he has settled with the Treasurer for all of his indebtedness to the University.
5. No student who has not settled all his bills with the Treasurer of the University is allowed to stand the mid-year or final examinations of the academic year.

When a student wishes his bills sent to his parent or guardian, the student or his parent or guardian must so notify the Treasurer of the University in writing in due time, but this in no way releases the student from liability to established penalties, if his bills are not paid on the dates advertised.

TRANSCRIPTS

Students desiring to transfer from Duke University to another institution are entitled to one transcript of their record. A charge of \$1.00 is made for each additional copy.

SCHOLARSHIPS, LOANS, AND EMPLOYMENT AID

Through a committee of the Faculty appointed by the President to deal with problems of rendering financial assistance to needy and worthy undergraduates both of Trinity College and the Woman's College, Duke University annually awards available scholarships, administers loan funds, and supervises student employment.

All student loan funds are kept separate and distinct from all other endowments or holdings of the University. Though some donors or their representatives may and do suggest terms and beneficiaries, no loan is made without the approval and consent of the Committee.

The scholarship funds are, in the main, endowed, though a limited number, and notably the honorary awards in recognition of scholastic merit, are financed through current funds of the University. As with the loan funds, donors of endowed scholarships may, and frequently do, make stipulated terms of the conditions of the award; but in all cases the responsible committee of the University reserves the right to approve and announce all awards. All scholarship endowments are held in trust by the University.

With few exceptions, loan and scholarship awards are limited to the amount of the tuition charges.

Prospective and old students must, if they will stop to consider, realize that no college or university has scholarship, loan, or job resources sufficient to meet all, or even a large per cent, of the requests made. A student, new or old, should realize that before he seeks aid of any institution, his need should be imperative. A student who accepts aid from a college or university when he could have done without it, unwittingly deprives some other would-be student, probably equally as worthy and more needy, of a chance to secure higher education at the institution.

Before applying to any college for aid a student should first have exhausted all means of aid from his parents, kinsfolk, interested friends, and commercial or civic agencies in his home locality.

A list of undergraduate scholarships and loans, and the procedure and terms of making application, are set forth below.

SCHOLARSHIP FUNDS

The Banks-Bradshaw Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The Herbert J. Bass Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The Christian Education Scholarship is based on the annual earnings from a \$6,000 scholarship endowment.

The E. M. Cole Scholarships are based on the annual earnings from a \$10,000 scholarship endowment. Awards are limited to undergraduate ministerial students.

The W. L. Cuninggim Scholarship is based on the annual earnings from a \$7,500 scholarship endowment. Preference, at the request of the donors, is given to students entering Duke University from the Methodist Orphanage of Raleigh, North Carolina.

The Arthur Ellis Flowers Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The Colonel George W. Flowers Scholarship is based on the annual earnings from a \$5,000 scholarship endowment.

The B. D. Heath Scholarship is based on the annual earnings from a \$2,000 scholarship endowment. Preference is given to students from Union County, North Carolina.

The Judd Scholarship is based on the annual earnings from a \$1,000 scholarship endowment. In making this award the donor or a representative of his family is to be consulted.

The Frank S. Lambeth Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The O. G. B. McMullan Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The W. H. Moore Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The J. A. Odell Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The J. M. Odell Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The E. J. Parrish Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The John T. Ring Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The George W. Watts Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

The C. E. Weatherby Scholarship is based on the annual earnings from a \$1,000 scholarship endowment.

A friend of Duke University has set up a scholarship fund for the use of students preferably from Durham and Perquimans counties of North Carolina. Descendants of the donor, irrespective of their place of residence, are to be given consideration for such awards. The donor has designated that a representative of his family should be consulted in the making of awards. There are at present fifteen of these scholarships. They have no fixed value. Circumstances in all cases determine the amounts of the awards; usually, however, these scholarships are sufficient in amount to cover tuition charges.

A friend of Duke University has set up a scholarship fund the in-

come of which is for the use of students preferably from the states of North Carolina, South Carolina, and Louisiana.

The Angier B. Duke Memorial, Incorporated, awards through the Scholarship Committee of Duke University four scholarships with an annual value of \$250 each to undergraduate students. These scholarships are awarded as follows: one on the basis of merit and necessity to an accredited high or preparatory school graduate entering the Freshman Class of Duke University; and one each to a member of the Sophomore, Junior, and Senior classes on the basis of merit, necessity and worthy individual contributions to university life. This fund is primarily for student loan purposes and is more fully described hereafter under "Loan Funds."

Fifteen honorary scholarships paying tuition are annually awarded to undergraduates. Five are held by members of the Sophomore Class, five by members of the Junior Class, and five by members of the Senior Class. Sophomore scholarships are awarded on the basis of scholastic work of the Freshman year; Junior scholarships on the basis of the scholastic work of the Sophomore year, and Senior scholarships on the basis of the scholastic work of the Junior year. Scholastic attainments and character are the sole bases of these awards.

Where funds are available and the need justifies, Duke University may award in any given year undergraduate scholarships partly or wholly covering tuition charges. Not in excess of fifty such awards shall be made.

Application for scholarship aid should be made to the Scholarship Committee, Secretary's Office, Duke University Station.

An application for a scholarship may not be made formally by a prospective student until application for admission has been made, all necessary credentials presented and notification of acceptance given.

LOAN FUNDS

The Angier B. Duke Memorial, Incorporated, administers through an advisory committee of the officers of the University, a loan fund for students of the University. Only the earnings of this fund are available for loan purposes.

The Committee of University officers also administers other endowed loan funds established for the benefit of students of Duke University. The amount available each year depends on the annual earnings and on the amount of loans repaid.

Although the total amount of loan aid is considerable, the calls for assistance far exceed the amount available for lending purposes each year. The Committee in charge of these funds, therefore, reserves the right to select from the applicants those who in character, personality, general

promise, scholastic merit, and degree of financial need, are most deserving of consideration.

The loan funds are administered in accordance with the following regulations:

1. No loan shall be made to a student who violates any of the regulations of the University or whose classwork is not satisfactory to the Faculty.

2. As a general policy a student is not potentially eligible for loan assistance until he has been in residence at least one semester and until those responsible for the administration of loan funds have had an opportunity to acquaint themselves with the worthiness and the need involved in any particular case.

3. Loans will be made only to students who are taking approved courses of study that lead to a degree, and all loans must be arranged for not later than one week after the beginning of a semester.

4. Every applicant for a loan must present with the application such security as the President of the University may approve, and no money shall be advanced before a note with approved security is in the hands of the Treasurer of the University.

5. No loan will be made to defray any other expenses than those incurred during the academic year for tuition, for matriculation, or for room-rent.

6. Interest at a rate of 6 per cent annually shall be charged for all loans of money, and the interest must be paid annually.

7. Applications for loans should be made to the Loan Committee, Secretary's Office, Duke University Station. A formal application for loan assistance may be made only on blanks furnished in the Secretary's Office at the time of registration. The granting or withholding of a loan is a matter entirely within the discretion of the Loan Committee. A student is expected to use all other possible means of securing financial assistance before applying for aid from the Loan Fund.

EMPLOYMENT

A number of students each year secure part-time employment on the University campus and in the city. Those in need of such employment may apply to the Secretary of the Committee on Student Aid, Secretary's Office, Duke University. No definite number of such places can be promised. Available places will be assigned in accordance with the merit and the need of the applicants.

HONORS AND PRIZES

To be eligible for Honors a student must earn during the year a credit of not less than thirty semester-hours. Students in the Freshman, Sophomore, and Junior classes who earn an average of at least two and one-half quality-points per semester-hour are given Honors. All semester-hours on which a student receives a grade are counted in the determination of Honors.

The degree of Bachelor of Arts or of Bachelor of Science with distinction is conferred under the following rules:

Students who have completed a minimum of ninety semester-hours in Duke University are eligible for general Honors at graduation. Those who earn an average of at least two and one-half quality-points per semester-hour are recommended for a degree *magna cum laude*. Those who earn an average of at least two and three-fourths quality-points per semester-hour are recommended for a degree of *summa cum laude*. All semester-hours taken in Duke University on which a student receives a grade are counted in the determination of Honors.

MEDALS AND PRIZES

The *Wiley Gray Medal* was established by the late Robert T. Gray, Esq., of Raleigh, North Carolina, to be awarded annually in memory of his brother. It is given for the graduating oration that shall be, in the opinion of the committee, the best speech, with respect to both declamation and composition. The winner delivers this speech in connection with the graduation exercises on Commencement Day.

The *Fortnightly Club* annually offers cash prizes for the best literary productions by undergraduate students of the University.

The *Debate Council* authorizes the awarding of medals to members of the graduating class who have represented the University in at least two intercollegiate debates. The medals are given by the local chapter of the Tau Kappa Alpha Fraternity.

The *Southern History Prize* is awarded each year for the best essay dealing with a subject relating to Southern history. The prize is \$25 in cash donated by an anonymous friend of the University. The competition for the prize is conducted according to the regulations adopted by the Trinity College Historical Society.

The *Robert E. Lee Prize* is the gift of the Reverend A. W. Plyler, of the Class of 1892, and Mrs. Plyler. The sum of \$50 is awarded annually at Commencement, preferably to that member of the Senior Class who in character and conduct, in scholarship and athletic achievement, in manly virtues and the capacity for leadership, has most nearly realized the standard of the ideal student. The Dean of the College, the Graduate Manager of Athletics, and the President of the Student Council constitute a committee to draft and adopt regulations governing the award.

The Dr. R. C. Parker Physics Prize. Dr. R. C. Parker gave to Duke University a silver cup of Chinese manufacture to be used for the encouragement of scholarship in physics. The award is made annually by a committee from the Department of Physics, acting with the President of the University, to that student of Physics 1-2 who by the end of the academic year is judged to have shown the greatest promise as a student of physics. The winner is chosen not only for his mathematical grades but also for his industry, growth in power of reasoning, originality of point of view, and skill in experimentation. The name of the winner is engraved on the cup which is given into his possession, subject to certain necessary regulations, until the next award is made.

The Iota Gamma Pi Scientific Prize. The Iota Gamma Pi Science Fraternity offers an annual prize of \$25 to a member of the Junior Class, majoring in science, who is judged to be the leading student in the scientific courses of the University. The fraternity submits to the judges a list of students eligible for the prize. The committee of award is composed of the Dean of the University and one member each from the Departments of Geology, Botany, Zoology, Chemistry, Physics, and Engineering. The departments concerned choose their own representatives on this committee. The award is made on the following basis: quality of scientific work, 50 points; personality and general ability, 30 points; quality of work in departments other than scientific, 20 points. The president of the fraternity publicly awards the prize in chapel during the second week in May.

Alpha Kappa Psi Medallion. This prize is offered each year to the member of the graduating class who makes the highest record in economics and business administration during his career at the University.

The Willis Smith Prize. Mr. Willis Smith, a member of the Raleigh Bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of Law School work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose.

The Milnow Prize, consisting of one year's subscription to the *Electrical World*, is awarded each year to that student from North or South Carolina graduating in the Department of Electrical Engineering, who, in the opinion of the Faculty of that department and as shown by his grades, has made the most progress in electrical engineering during his last year in college.

STUDENT ORGANIZATIONS AND ACTIVITIES

The Men's Association of Duke University comprises all men students in the University. It functions through its officers and a council to initiate policies and to oversee matters within the control of the student body. The council is composed of seven members: three from the Senior Class, two from the Junior Class, one from the Sophomore Class, and one from the Graduate School.

The Women's Student Government Association is similar in character to the Men's Association. Its council is composed of the officers of the association and ex officio of the Y. W. C. A. president and an undergraduate representative.

The Young Men's Christian Association and the *Young Women's Christian Association* are student branches of the national Christian Associations. Each body aims to enrich not only the religious life of its members as individuals but also to promote religious group activity. Delegates are sent each year to summer conferences, state conventions, inter-state conventions, and the state Bible and missionary institutes. Every year a series of special religious services is held. Bible and missionary study classes and Sunday-School teacher-training courses are conducted under the auspices of the association by members of the Department of Religion.

Other organizations and activities include the following:

Classical Club; Columbia Literary Society; Cosmopolitan Club; Crowell Scientific Society; Debate Council (Men); Debating Club (Women); Forum Club; Junior Big Sisters; League of Women Voters; Nereidian Club (Women); Physics Club; Polity Club; Student Volunteer Band; The Duke Players; The Explorers' Club; The French Club; The Ministerial Association; Town Girls' Club; German Club; Trinity College Historical Society; Women's Athletic Association; and the W. H. Pegram Chemistry Club.

HONORARY ORDERS AND FRATERNITIES (NATIONAL)

Alpha Kappa Psi (Economics); Chi Delta Phi (Literary—Women); Delta Phi Alpha (German); Kappa Delta Pi (Education); Omicron Delta Kappa (Leadership); Phi Beta Kappa (Scholarship); Phi Eta Sigma (Freshman Scholarship); Phi Sigma (Biology); Pi Gamma Mu (Social Sciences); Pi Mu Epsilon (Mathematics); Sigma Pi Sigma (Physics); Sigma Upsilon (Literary—Men); Sigma Xi (Scientific Society); Tau Kappa Alpha (Forensic); Theta Alpha Phi (Dramatic); Sigma Delta Pi (Spanish).

HONORARY ORDERS AND FRATERNITIES (LOCAL)

Beta Omega Sigma (Sophomore—Men); Delta Phi Rho Alpha (Athletic—Women); EKO-L (Scholarship—Women); 9019 (Scholar-

ship—Men); Iota Gamma Pi (Scientific); Red Friars (Leadership—Men); Tombs (Athletic—Men); Sandals (Sophomore—Women); White Duchy (Leadership—Women).

ENGINEERING ORGANIZATIONS AND FRATERNITIES

American Institute of Electrical Engineering; American Society of Civil Engineering; Delta Epsilon Sigma (Honorary Engineering Fraternity); Duke Society of Mechanical Engineering; The Engineer's Club.

MUSICAL ORGANIZATIONS AND FRATERNITIES

Duke University Band; Kappa Kappa Psi (National Band Fraternity); Orchestra; Duke Collegians, Blue Devils, Ambassadors; The Men's Glee Club; The Women's Glee Club; The University Chapel Choir; The Concert Orchestra; The Woman's Concert Orchestra; The Woman's Music Study Club.

SOCIAL FRATERNITIES (NATIONAL)

(The Men's Pan-Hellenic Council)

Alpha Tau Omega; Delta Sigma Phi; Delta Tau Delta; Kappa Alpha; Kappa Sigma; Lambda Chi Alpha; Phi Delta Theta; Phi Kappa Psi; Phi Kappa Sigma; Phi Sigma Delta; Pi Kappa Alpha; Pi Kappa Phi; Sigma Alpha Epsilon; Sigma Chi; Sigma Nu; Sigma Phi Epsilon; Zeta Beta Tau.

SOCIAL FRATERNITIES (LOCAL)

Alpha Chi; Duke University Pre-Medical Society, undergraduate medical group.

SOCIAL SORORITIES (NATIONAL)

(The Women's Pan-Hellenic Council)

Alpha Delta Pi; Alpha Phi; Alpha Epsilon Phi; Delta Delta Delta; Kappa Alpha Theta; Kappa Delta; Kappa Kappa Gamma; Phi Mu; Pi Beta Phi; Sigma Kappa; Zeta Tau Alpha.

THE SCHOOL OF LAW

Order of the Coif (National Scholarship and Legal Ability Fraternity); Iredell Law Club (Local Social Club); Phi Delta Phi (National Social Fraternity); Duke Bar Association.

THE SCHOOL OF MEDICINE

Social Fraternities (National)

Nu Sigma Nu; Alpha Kappa Kappa; Phi Beta Pi; Phi Chi; Theta Kappa Psi; Alpha Omega Alpha (Honorary).

STUDENT PUBLICATIONS

Archive (Monthly); *Chanticleer* (Annual); *Chronicle* (Semi-weekly).

THE GRADUATE SCHOOL
OF ARTS AND SCIENCES

1936-1937
ANNOUNCEMENTS FOR 1937-1938

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Dean of the Graduate School of Arts and Sciences

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CALVIN BRYCE HOOVER, A.B., Ph.D., Litt.D.

*HELGE LUNDHOLM, Ph.D.

**WILLIAM McDOUGALL, M.A., D.Sc., Litt.D.

ARTHUR SPERRY PEARSE, B.S., A.M., Ph.D.

WILLIAM PERLZWEIG, B.S., A.M., Ph.D.

ELBERT RUSSELL, A.B., A.M., Ph.D.

***JOSEPH MILLER THOMAS, A.B., Ph.D.

WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D.

ALBAN GREGORY WIDGERY, B.A., M.A.

* For second semester, 1936-1937.

** On leave, second semester 1936-1937.

*** On leave, 1936-1937.

GRADUATE INSTRUCTION IN DUKE UNIVERSITY

GENERAL STATEMENT

Prior to 1916 there was no separate organization within Trinity College to promote and supervise graduate studies. However, there had been for many years a limited number of graduate students who completed a year of postgraduate work and received the degree of Master of Arts. The work of such students was supervised through the office of the Dean of Trinity College. Many of these graduate students went out from Trinity College to continue their studies at other colleges and universities and later achieved distinction as teachers and scholars.

In September, 1916, President Few appointed a Committee on Graduate Instruction to deal with the problems involved in the promotion and administration of graduate work. In that year there were six graduate students in the College, and seven graduates of the College were enrolled in the professional School of Law. During and immediately after the World War the number of graduate students remained small, but by the year 1923-24 the graduate enrollment had increased to thirty-five exclusive of the college graduates enrolled in the School of Law.

The growing importance of graduate work in Trinity College caused the Committee on Graduate Instruction, during the first semester of the year 1923-24, to make a careful study of requirements for admission to graduate work, of requirements for advanced degrees, and of other conditions affecting standards of graduate instruction. A comprehensive report was prepared by the Committee and adopted by the Faculty. Provision was made for the granting of two advanced degrees, Master of Arts and Master of Education. Regulations were adopted which increased the distinction between graduate and undergraduate work. A thesis requirement was made for every candidate for a graduate degree, and provision was made for the examination of theses by Faculty committees. The Committee on Graduate Instruction undertook a closer supervision of graduate courses and of the work of graduate students.

Thus, when Trinity College became Duke University in December, 1924, noteworthy progress had already been made in organizing a graduate department with advanced courses in many fields of study and with high standards. In accepting Mr. Duke's great benefaction, the Trustees definitely included a graduate school of arts and sciences as a member of the University organization.

In the academic year 1926-27 a Council on Graduate Instruction was established in the University to exercise a general supervision over graduate work in arts and sciences, and Professor William H. Glasson was appointed Dean of the Graduate School of Arts and Sciences.

THE LIBRARY

The total number of volumes in the University Library on June 30, 1936, was 452,444 volumes. These are distributed among four main units: the General Library with 341,968 volumes; the Hospital (Medical) Library, 31,908 volumes; the Library of the Law School, 50,633 volumes; and the Woman's College Library, 27,935 volumes.

The work of students in the Graduate School is carried on primarily in the General Library. A Graduate Reading Room, which contains the reference material most in demand, provides a quiet and convenient place for study. Graduate students are also admitted freely to the stacks. Within the stacks are located 108 carrells or desks which are assigned on an annual basis, preference being given to students in the Graduate School. To facilitate work in the natural sciences the General Library maintains departmental libraries adjacent to laboratories for the Departments of Chemistry, Physics, and Biology. A departmental library is also maintained for the School of Religion.

In the field of mathematics and the sciences particular attention has been given to securing files of important journals and serials. A check-list of all scientific periodicals and serials on the University campus shows a total of approximately 2,650 files in a more or less complete form. Current subscriptions to scientific periodicals, not including serials, number 807. The total number of current periodical subscriptions in all fields is 2,551.

In the field of the social sciences and the humanities every effort has been made to secure the basic collections of source material as well as the more important publications of criticism and discussion. This has been done by the acquisition of such sets as the *Dic Griechischen Christlichen Schriftsteller der ersten drei Jahrhunderte*, *Corpus Scriptorum Ecclesiasticorum Latinorum*, Migne's *Patrologia*, the *Corpus Scriptorum Historia Byzantiae*, the *Monumenta Historica Germaniae*, the *Acta Sanctorum*, the *Corpus Reformatorum*, complete files of the publications of the League of Nations, the International Labor Office, and many others. The endeavor to select the more important items in the various fields of graduate work has been supplemented by the purchase of a number of special collections and libraries. Among the more important of these might be mentioned a Peruvian library of approximately three thousand books and manuscripts; a library of several thousand volumes dealing with Brazil; the Lanson Collection of French literature consisting of twelve thousand books and monographs; a Goethe collection of one thousand volumes; a Scandinavian collection of three thousand volumes; a collection of about five thousand items of early Americana, dating from the seventeenth century to 1820; the Holl church history library dealing primarily with the period of the Reformation; a collection of many thousands of church minutes and records of American denominational history; two collections of eighteenth-century English poetry and prose totaling about five thousand items; two special collections, one dealing primarily with Byron and the other with Coleridge, containing a number of manuscripts, annotated copies, and first

editions; a transportation collection containing many thousand railroad reports and records; and the Thomas Collection of books on Chinese history and culture. Special mention should be made of the George Washington Flowers Collection of manuscripts, books, newspapers, and pamphlets dealing with all phases of Southern history.

PUBLIC DOCUMENTS

The importance of public documents as fundamental source materials for the social sciences and as containing also some of the most important work in the field of applied science is being clearly recognized, and an excellent start has been made toward a comprehensive collection of this material. The Library has been a depository for Federal documents since 1890. State documentary publications are also being systematically collected. Of European public documents a representative, though not extensive, collection has been secured. Among the more notable items might be mentioned the *British Calendar of State Papers*, the *Acts of the Privy Council*, *Hansard's Debates*, the *Débats Parlementaires* of the French Senate and Chamber of Deputies, the *Journal Officiel de la République Française*, the *Bulletin des Lois de la République Française*, the *Verhandlungen des Reichstages*, and the *Diario* of the Spanish Cortes. The public documents of the Latin-American countries form one of the strongest units of the Library.

Under this heading should be mentioned also the recent acquisition of the library of Professor Louis Strisower, sometime president of the Institut de Droit International, which contains approximately five thousand volumes dealing with international law. The volumes date from the seventeenth century to the present and contain some especially valuable periodical files and rare books.

NEWSPAPERS

The library collection of newspapers contains over ten thousand volumes, more than half of which are in bound form. Practically all states of the Union are represented, although the major part of the collection is from the Atlantic seaboard. Of the earlier items the states most strongly represented are Massachusetts, New York, Rhode Island, Virginia, North Carolina, South Carolina, and Georgia. The current subscription list of more than fifty titles is representative of American public opinion and contains the most important foreign papers.

MANUSCRIPTS

In the Manuscript Department there are over four hundred thousand pieces. Among these is one notable Greek manuscript of the thirteenth century containing the entire New Testament. Of interest to students of English literature are a number of the manuscripts of the Rossettis. By far the larger part of the collection, however, relates to the region in which the University is located. In the Flowers Collection are letters or other manuscripts by General Nathaniel Greene, Anthony Wayne, Henry

Clay, John C. Calhoun, Dr. Thomas Chivers, Admiral Mahan, Jefferson Davis, Robert E. Lee, T. J. (Stonewall) Jackson, Paul Hamilton Hayne, Sidney Lanier, Joel Chandler Harris, Thomas Nelson Page, and other literary and historical Southern figures. Important material for the study of the South is being constantly added to this collection.

EXCHANGE PRIVILEGES WITH THE LIBRARY OF THE UNIVERSITY OF NORTH CAROLINA

The libraries of Duke University and of the University of North Carolina have completed arrangements for the fullest exchange of privileges and resources. Each library contains a catalogue of the contents of the other, and books requested from the other library are supplied through a delivery service which operates daily except Saturdays and Sundays. Faculty members and graduate students may secure cards admitting them to the stacks of the other library. The Library of the University of North Carolina contains approximately 325,000 volumes, besides a large collection of manuscripts relating to Southern history. Through this arrangement more than 770,000 volumes are available to students in the combined libraries.

NEW SCIENCE LABORATORIES

New laboratory buildings have been erected on the West Campus for biology, physics, and chemistry. Graduate students will find available the most modern equipment and facilities for research. In addition to the provision of modern apparatus, large sums have recently been expended to purchase important additions to the collections of scientific periodicals and publications in the departmental libraries, the University Library, and the Hospital Library.

In the School of Medicine elaborate facilities are provided for post-graduate research in the various branches of medical science. Especial attention will be given to training in preventive medicine and public health work.

BIOLOGICAL LABORATORIES

The Biology Building on the West Campus contains three refrigerated rooms, an incineration room, a workshop, an aquarium room, five animal rooms connected with outside yards, and eight dark rooms. Special laboratories are provided for advanced work in plant and animal physiology, parasitology, cytology, taxonomy, bacteriology, ecology, histology, mycology, anatomy, embryology, endocrinology, entomology, and forestry. A large greenhouse gives adequate space for experimental work and propagation. There is a small synoptic museum and an herbarium. Dr. Irving E. Gray is the curator of the biological museum. On the East Campus, laboratories are provided for women, and a small greenhouse is conveniently located near the Science Building.

Laboratories and rooms for students doing research are equipped with vacuum, compressed air, direct and alternating current, gas, and running water. Proper equipment and supplies for biological work, such as micro-

scopes, ovens, baths, nets, kymographs, motors, chemicals, and glassware are available.

The Duke University Forest and the streams of the University estate furnish excellent collecting grounds. The woodlands are under the management of the Forestry Department. Duke University is situated in the Piedmont region, between the mountains and the coastal plain. This gives easy access to a variety of plants and animals. North Carolina is the home of the tulip poplar, holly, rhododendron, mountain laurel, flowering dogwood, several species of insect-catching plants, cypress, and other interesting plants. Among the animals are a varied assortment which range from marine to truly montaine species. In the woods about the University are opossums, squirrels, cardinals, Carolina wrens, several species of salamanders, king snakes, and terrapins.

CHEMISTRY LABORATORIES

Graduate work in chemistry is carried on in a new building which has a floor area of about 57,000 square feet. The equipment of this building is modern in every respect. Of this total space a large proportion is available for research and advanced teaching. There are twenty-five double research rooms completely equipped with the usual services. In addition, the following specially designed rooms are available for present or future research as indicated: a low temperature room, photographic room, constant temperature room, gas analysis room, combustion room, bomb room, animal room, and rooms equipped for high vacuum, X-ray, and photochemical investigations.

A glass-blowing room and a well-equipped shop, operated by a competent mechanic, provide facilities for the construction of special apparatus and for the repair and maintenance of instruments.

PHYSICAL LABORATORIES

The physical laboratory contains approximately an acre of floor space which is devoted to instruction and research. In addition to the usual lecture and elementary laboratory facilities, laboratories are provided for work in electrical measurements, optics, atomic physics, and advanced measurements in general physics.

There are sixteen research rooms equipped with various storage battery connections as well as water, gas, and compressed air. In some rooms connections can be made to a 35 kw. 1100 v. D.C. generator.

In addition, rooms are provided for various instruments of research in spectroscopy such as a 10-foot Rowland Concave grating, 21-foot grating in a Paschen mount as well as microphotometer and dark rooms. Facilities are also provided for investigation in the fields of magnetism, collision problems, mass spectroscopy, and nuclear physics.

A well-equipped shop operated by a trained instrument-maker makes possible the development of instructional and research apparatus. A shop is also provided for the use of the Staff and graduate students.

THE DUKE FOREST

Through placing the Duke Forest under intensive management for forestry purposes, substantial progress has been made in developing the educational work and research in forestry. The Duke Forest consists of approximately forty-eight hundred acres of land, most of which is adjacent and easily accessible to the University campus. Situated in the lower Piedmont region, composed of second growth shortleaf pine, loblolly pine, and hardwoods, the Forest is representative of the various types of timber growth and soils found throughout the region.

On account of the proximity of the Forest to the laboratories, greenhouses, and library facilities of the University, an excellent opportunity exists for advanced study and research in forestry. Research, particularly in the fields of silvics, forest soils, silviculture, forest management, properties of wood, forest-tree physiology, and forest pathology, is well under way. Several members of the Botany and Zoology Staffs are also engaged on research in the Duke Forest.

For additional information, see the *Bulletin on Forestry*.

GRADUATE DORMITORIES

Certain sections of the new dormitories on the West Campus have been reserved for graduate men. Board can be secured at the Union, which also has unusually attractive provisions for social intercourse and activities. Graduate women will find dormitory accommodations of the highest type on the East Campus. The Union on the East Campus furnishes meals at reasonable rates and serves as a center of campus life.

FELLOWSHIPS AND SCHOLARSHIPS

For the assistance and encouragement of graduate students of high character and marked ability, the University has established a considerable number of fellowships and scholarships. Holders of fellowships and scholarships will be expected to pay the tuition fee and such additional fees as are regularly required. Applications for these appointments should be made on or before March 15 of each year. In case vacancies occur, applications submitted on a later date will be considered. Appointments which were offered for the year 1937-38 are listed below.

FELLOWSHIPS

One Angier Duke Memorial Fellowship of one thousand dollars.

One Gurney Harriss Kearns Fellowship in American Religious Thought of one thousand dollars.

Two University Fellowships of eight hundred dollars each.

Fifteen University Fellowships of seven hundred and fifty dollars each.

Sixteen University Fellowships of six hundred and fifty dollars each.

In appointing fellows, preference is usually given to applicants who have completed at least one year of successful graduate work. Fellows will be required to give a limited amount of assistance in reading papers,

in laboratories, or in other departmental duties. All fellows carry a full program of graduate work.

GRADUATE SCHOLARSHIPS

Seven Graduate Scholarships of four hundred fifty dollars each.

Ten Graduate Scholarships of four hundred dollars each.

Scholars may be asked to give a limited amount of assistance in departmental work. They normally carry a full program of graduate studies.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS IN FORESTRY

Information regarding special fellowships and graduate scholarships in forestry may be obtained from the Director of the Duke Forest, Duke University, Durham, N. C.

BROOKINGS-DUKE CO-OPERATIVE FELLOWSHIPS

Duke University and the Brookings Institution of Washington, D. C., have entered into a co-operative arrangement for the establishment of fellowships in economics and political science. Each fellowship will be of the approximate annual value of one thousand dollars. The fellowships will be available to third-year or more advanced graduate students, who have either completed the work for the Ph.D. degree, or who wish to do thesis work in Washington. In carrying on their work, students will use the facilities of the Brookings Institution. In most cases unmarried persons will be nominated for these appointments. Further details can be obtained from the Dean of the Graduate School, Duke University, or from the Brookings Institution, Washington, D. C. Graduate students who desire to be nominated by Duke should apply to the departments concerned not later than March 1. Nominations are transmitted to the Brookings Institution by March 15.

APPOINTMENTS AS GRADUATE ASSISTANTS

A considerable number of appointments as teaching assistants or readers will be available for graduate students. The compensation will usually range from \$300 to \$700, depending upon the nature and amount of the work assigned. Assistants receiving \$500 or more will be registered for four-fifths of a normal program of studies.

Information regarding fellowships, graduate scholarships, and graduate assistantships, together with application blanks, may be obtained from the Dean of the Graduate School, Duke University, Durham, North Carolina.

ENCOURAGEMENT OF RESEARCH

The President of the University appoints annually a University Council on Research. The twelve members of this Council are chosen from the Faculties of the Schools of Medicine, Law, Religion, and the Graduate School of Arts and Sciences. In May of each year the Council on Research receives written applications from members of the Faculty for subsidies to be used in the following fiscal year to aid them in carrying out research projects. Stipends are granted for the employment of research

assistants, for the purchase of books and for apparatus, supplies, and equipment. Each member of the Faculty to whom a research stipend is granted must make a written report within twelve months to the Council concerning the progress of the investigation for which the stipend was allowed.

SPECIAL LECTURES

During each academic year the University Lecture Committee arranges for a number of special lectures of value to graduate students interested in various fields of knowledge. Among the lecturers for the academic year 1936-37 were Professor C. B. Hoover, an authority on the governments of Russia and Germany in recent years, on "Dictators in the Modern World"; Colin G. Fink, a distinguished electro-chemist, on "Chemistry and Art"; W. P. Montague, an outstanding philosopher, on the subject "Is There a Soul?"; and Irvin Stewart, Federal Communications Commissioner, on "Public Control of Radio." Many other distinguished authorities were included in the lecture program for the academic year 1936-37.

UNIVERSITY PRESS

The Duke University Press affords facilities for the publication of many scholarly books and articles. The Press issues eight quarterly reviews: *The South Atlantic Quarterly*, *Hispanic American Historical Review*, *American Literature*, *Ecological Monographs*, *Character and Personality*, *Duke Mathematical Journal*, *The Journal of the Southern Association* (Southern Association of Colleges and Secondary Schools), and the *Journal of Parapsychology*. It also publishes at intervals Psychological Monographs, Monographs in Education, and the *Papers of the Trinity College Historical Society*. A total of sixty-three books on scholarly subjects has been issued since the Press was established in 1926.

A list of the publications of the Duke University Press may be obtained from the Executive Secretary of the Press, Durham, North Carolina.

REQUIREMENTS FOR ADMISSION AND DEGREES

(For regulations concerning admission to graduate courses and to candidacy for a degree, see *Bulletin of the Graduate School*.)

The degrees offered in the Graduate School of Arts and Sciences are Master of Arts (A.M.), Master of Education (M.Ed.), and Doctor of Philosophy (Ph.D.).

THE DEGREE OF MASTER OF ARTS

Candidates for the degree of Master of Arts are required to have a reading knowledge of two foreign languages, evidenced by examination or by credit obtained for at least six semester-hours of college work in each. If this requirement has not been satisfied before admission to candidacy for the degree, the required foreign language work must be completed before the degree is conferred and will not be counted for credit toward the degree. The two foreign languages offered must be acceptable to the department in which the candidate is taking his major work. Twice a year at stated times the language examinations will occur. The French examinations will be given the first week in November and the first week in March, while the German examinations will be given the second week in November and the second week in March. Students should register in advance at the Graduate Office for these examinations.

To obtain the degree of Master of Arts a candidate must complete satisfactorily twenty-four semester-hours of graduate courses and a thesis. The credit for the thesis is six semester-hours. Each candidate for the degree must select a major subject in which the minimum requirement is twelve semester-hours and the thesis. [Before selecting his major in a department, a student must have completed a minimum of twelve semester-hours of approved *preliminary* courses in that department and twelve additional semester-hours either in that department or in related work.] A candidate must take six semester-hours of graduate work in a minor subject approved by the major department, and the remaining six semester-hours in the major or minor subjects or in a department approved by the major department and by the Graduate Council. No undergraduate course may be credited toward the degree of Master of Arts.

MINIMUM RESIDENCE REQUIREMENT

The minimum residence requirement of candidates for the Master's degree is one academic year. Often a longer period of residence will prove necessary. In the case of graduate students who take all the work for the Master's degree in the Summer School, the minimum residence requirement is five summer terms of six weeks each. This requirement is subject to change after the summer of 1937. All the work offered for the Master's degree must be completed within a period of six years.

DEGREE OF MASTER OF EDUCATION

The degree of Master of Education is granted to teachers, or others engaged in educational service, upon completion of the prescribed program of study. Candidates for the degree must have had two years of practical experience in teaching when the degree is conferred. This experience may be obtained in the two years immediately prior to entering upon candidacy for the degree, or it may be obtained concurrently with the period of study for the degree.

A preliminary requirement for admission to candidacy for this degree is the completion of a minimum of twelve semester-hours of approved undergraduate work in education, including work in educational psychology and work in history of education, or educational sociology, or school administration.

The requirements for the degree of Master of Education are twenty-four semester-hours of graduate courses and a thesis. Candidates must take a minimum of twelve semester-hours of work and write a thesis in the Department of Education. At least six semester-hours must be taken in some department other than the Department of Education. Students who are preparing to teach are advised strongly to take twelve semester-hours of graduate work in the subjects they intend to teach. In such cases the thesis may be prepared under the joint supervision of a department in which the student intends to teach and the Department of Education.

The residence requirements for the degree of Master of Education are the same as those for the degree of Master of Arts.

THESIS FOR THE MASTER'S DEGREE

The title of the thesis required in partial fulfillment of the requirements for the degree of Master of Arts or Master of Education must be approved by the department or departments concerned and filed with the Dean of the Graduate School on or before November 15 of the academic year in which it is expected that the degree will be conferred.

Three (or, at the discretion of the department, four) bound typewritten copies of each thesis must be submitted to the Dean of the Graduate School in approved form on or before May 15 of the year in which the degree is conferred. The thesis is passed upon and accepted or rejected by an examining committee of three members of the Faculty. Two of the copies, the original and a carbon copy, are placed in the University Library. Each candidate is required to appear before the committee for a final examination. The oral portion of the examination will be at least one hour in length and will be either on the thesis or on the thesis and its related field; this choice and the length of the examination will be determined by the department with due consideration to the needs of the candidate and the subject-matter of the thesis. The chairman of the committee will inform the other members of the committee of the character and scope of the examination.

SUMMER SCHOOL WORK FOR THE MASTER'S DEGREE

Graduate students may not receive more than six semester-hours of credit for work taken in one summer session of six weeks. All the work offered for the Master's degree, either in the regular academic year or in summer sessions, must be completed within a period of six years from the date of beginning.

CREDIT TOWARD THE MASTER'S DEGREE FOR WORK DONE ELSEWHERE

No credit toward advanced degrees is given for university extension or correspondence courses.

Not more than six semester-hours of credit toward the Master's degree may be given to graduates of Duke University or of other approved colleges or universities for acceptable graduate courses or research work completed elsewhere. Such credit shall not shorten the minimum period of residence required at Duke University.

THE DEGREE OF DOCTOR OF PHILOSOPHY

A student who plans to enter upon a program of work leading to the degree of Doctor of Philosophy should consult, or enter into correspondence with, the Dean of the Graduate School or the head of the department

concerned. He will then be advised as to the possibility of securing the necessary instructions and supervision of research in the desired field.

The Council on Graduate Instruction has adopted the following regulations governing the conferring of the degree of Doctor of Philosophy:

1. The Degree. The degree of Doctor of Philosophy is a research degree; it is not based merely upon the completion of a prescribed period of study or upon the obtaining of credit for a given number of courses. The granting of the degree will be based primarily upon evidence of high attainments in a special field of knowledge and upon the production of a thesis embodying the results of original research.

2. Residence Requirements. The normal period of resident graduate study, after the general requirements for admission to the Graduate School have been satisfied, is not less than three academic years. The candidate will be required to spend at least either the last year in actual residence at Duke University, or the first two years. A student whose undergraduate work is insufficient in amount or unsatisfactory in character may expect to spend additional time in preliminary courses essential as a basis for the graduate work he proposes to undertake. Credit for one year of work done in summer school sessions may be given with the approval of the Graduate Council and the department in which the student takes his major work. Except in unusual cases, graduate work of fragmentary character taken over a long period of years, or work completed many years before the student becomes a candidate for the degree at Duke University, will not be accepted as satisfying the requirements of residence.

3. Application for Candidacy for the Ph.D. Degree. A student desiring to become a candidate for the Ph.D. degree is ordinarily required to file with the Dean of the Graduate School, not later than the beginning of the second year of graduate work, a formal application indicating in what department and under what professor he proposes to carry on research. A committee will then be appointed to supervise the student's work, with the professor in charge of his research as chairman. If and when the committee finds that the preliminary requirements of the major department have been satisfied, the chairman of the committee shall report the fact in writing to the Dean of the Graduate School. The student's program of study will be arranged after consultation with this committee and must secure its approval and that of the Graduate Council. In the case of students who come to Duke University for only the last year of graduate work, and in special cases approved by the Graduate Council, the application for recognition as a candidate for the Ph.D. degree may be filed later than provided above, but not later than October 15 of the academic year in which it is desired that the degree be conferred.

4. Preliminary Examination. Toward the end of the second full year of graduate work (or in special cases early in the third year), a preliminary examination of each candidate will ordinarily be held covering the general field of his studies. This examination will be conducted by the committee in charge of the student's work and will be either oral or written, or both as the committee may determine. A student who passes this examination will be recognized as a candidate for the Ph.D. degree. The examination on his minor subject or subjects will ordinarily be held at the time of his preliminary examination.

5. Program of Study. The program of study of an applicant for the Ph.D. degree is subject to the approval of the Graduate Council and of the committee provided for in Section 3 above. The student must select a major field and one or two minor related fields. When a department offers instruction in a sufficient variety of subjects and the needs of the individual student seems to require it, the Graduate Council may permit a major and minor to be taken in the same departments.

6. Foreign Language Requirements. A reading knowledge of French and German will be required. The student will be examined on one of the foreign languages at the beginning of his second year of graduate work, and should qualify in both by the end of the second year of his graduate work. No person can come up for his preliminary examination without having satisfied the language requirements for the Doctor's degree. The department in which he takes his major work may indicate preference as to the language in which the student shall first be examined. Foreign language examinations will be conducted by the appropriate language department in conjunction with the department in which the student has his major field of work.

7. Thesis. The thesis for the Ph.D. degree must be a contribution to knowledge. The subject of the thesis must be filed with the Dean of the Graduate School on or before October 15 of the academic year in which the candidate desires to take the final examinations for his degree. The subject must receive the written approval of the head or chairman of the department in which the candidate has his major field of work and also of the professor under whom the thesis is being written. The thesis must be completed to the satisfaction of the professor under whom it is written, and four type-written copies in approved form must be deposited with the Dean of the Graduate School on or before May 1, if the student desires to be examined on the thesis in the same academic year. Two of the copies, the original and a carbon copy, are placed in the University Library.

The title-page must be approved by the major department and by the Dean of the Graduate School.

The candidate's thesis must be published either in its original form or a modified form approved by the Dean of the Graduate School and the committee in charge of the candidate's work. Copies of the published thesis should be deposited in the Graduate School office as provided by regulations of the Graduate Council. The degree will not be conferred until publication of the thesis, in approved form, within three years, has been guaranteed in a way satisfactory to the Dean of the Graduate School and the professor under whom the thesis was written.

8. Final Examination. The final examination on the thesis and on the related subject-matter in the major or minor fields will be oral.

THE TRAINING OF COLLEGE TEACHERS

Colleges and preparatory schools are constantly calling upon the university graduate schools for efficient teachers. The Duke University Graduate School will endeavor to discover among the candidates for advanced degrees in the various departments those students who show promise of becoming good teachers. Provision will be made for the consideration and discussion of problems of teaching. Graduate students who expect to teach will be given opportunity to gain practical experience under the supervision of successful teachers. The Graduate School will keep such records as will enable it to recommend with confidence students who are likely to prove efficient as teachers. An appointment bureau is maintained by the University, the services of which are extended to all graduate students.

COURSES OF INSTRUCTION

(This is a condensed description of courses. For a full description, see Bulletin of the Graduate School.)

(Certain undergraduate courses are open to graduate students with the approval of the department. See the Bulletin of Undergraduate Instruction.)

DIVISION OF ANCIENT LANGUAGES AND LITERATURES

PROFESSOR BRANSCOMB,* CHAIRMAN; PROFESSORS PEPPLER, ROGERS, AND
ROSBOROUGH; ASSISTANT PROFESSORS CLARK, GATES, STINESPRING,
AND WAY

GREEK**

FOR SENIORS AND GRADUATES

The six courses numbered from 201 to 212 provide a means for the study of the six departments of Greek literature. They are given in series. In 1937-38, 205-206 is offered.

201-202. Greek Tragedy.—6 s.h.
PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

203-204. Homer.—6 s.h.
PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY

205-206. Greek Historians.—6 s.h. PROFESSOR PEPPLER

207-208. Greek Orators.—6 s.h. ASSISTANT PROFESSOR WAY

209-210. Plato.—6 s.h. ASSISTANT PROFESSOR WAY

211-212. Aristophanes.—6 s.h. PROFESSOR PEPPLER

Syntax of the Greek Language from Homer to the New Testament.
PROFESSOR BERNARD (U. N. C.)

243. Athenian Topography.—3 s.h. ASSISTANT PROFESSOR WAY
[Offered in 1938-39]

244. Greek Epigraphy.—3 s.h. ASSISTANT PROFESSOR WAY
[Offered in 1938-39]

245. Greek Dialects.—3 s.h. ASSISTANT PROFESSOR WAY

246. Greek Historical Inscriptions.—3 s.h. ASSISTANT PROFESSOR WAY

247-248. Greek Archaeology.—6 s.h. ASSISTANT PROFESSOR WAY
[Offered in 1939-40]

Topography of Athens, Olympia and Delphi.
PROFESSOR HARLAND (U. N. C.)

Aegean Archaeology. PROFESSOR HARLAND (U. N. C.)

* On leave, 1937-1938.

** In co-operation with the University of North Carolina.

FOR GRADUATES

The more advanced work of the graduate department is done in the seminar. One author or group of authors forms the center of study each year. Seminars are offered in Aristophanes (course 301-302), the Greek Historians (303-304), the Attic Orators (305-306), and the Greek Tragic Poets (307-308). These run through a cycle of four years. In 1937-38 the work will be

301-302. Seminar in Aristophanes.—6 s.h.

PROFESSOR PEPPLER

RELATED COURSES IN OTHER DEPARTMENTS

Phil. 217. Philosophy of Aristotle.—3 s.h.

DR. McLARTY

N.T. 218. Galatians and I Corinthians.

PROFESSOR BRANSCOMB OR ASSISTANT PROFESSOR CLARK

N.T. 315. Hellenistic Religions at the Beginning of the Christian Era.—3 s.h.

ASSISTANT PROFESSOR CLARK

[Not offered in 1937-38]

N.T. 318. The Text of the New Testament.—3 s.h.

ASSISTANT PROFESSOR CLARK

In addition to the courses marked (U. N. C.) above, the following courses given at the University of North Carolina also are open to graduate students under the co-operative arrangement:

Homer: Advanced Course.

PROFESSOR HARLAND OR PROFESSOR BERNARD

Greek Drama: Advanced Course.

PROFESSOR BERNARD OR PROFESSOR SANDERS

Greek New Testament.

PROFESSOR BERNARD

Greek History: Thucydides.

PROFESSOR HARLAND

Hellenic Literature and Its Historical Setting.

PROFESSOR HARLAND

Hellenic Architecture.

PROFESSOR HARLAND

Hellenic Sculpture.

PROFESSOR HARLAND

Greek Seminar.

PROFESSORS BERNARD, HARLAND, AND SANDERS

Graduate students of Duke University may attend the American School of Classical Studies in Athens, Greece, without charge for tuition, and they are eligible to compete for the fellowships that are offered annually by the School. These consist of two fellowships in Greek archaeology and one in the language, literature, and history of ancient Greece, each with a stipend of \$1,300. They are awarded mainly on the basis of examinations held in the beginning of February of each year.

LATIN AND ROMAN STUDIES*

All candidates for the Master of Arts degree are required to complete one Latin seminar of six semester-hours, and candidates for the doctorate are required to complete not less than two Latin seminars—twelve semester-hours—for a Latin major. At present Greek, French, Philosophy, English, and History are the most suitable subjects for the minor for students with a Latin major. A satisfactory working knowledge of both German and French is a necessity for graduate students in Classics.

FOR SENIORS AND GRADUATES

201. Roman Fiction.

[Not offered in 1937-38]

* In co-operation with the University of North Carolina.

202. Latin Christian Writers.

[Not offered in 1937-38]

203-204. Roman Epic Poetry.—6 s.h.

ASSISTANT PROFESSOR GATES

205-206. Roman Drama.

[Not offered in 1937-38]

Roman Dramatic Literature.

PROFESSOR HARRER (U. N. C.)

207-208. Roman Philosophy.—6 s.h.

[Not offered in 1937-38]

215-217. Cicero's Public Career.—6 s.h.

PROFESSOR ROGERS

281-282. Roman Historical Literature.—6 s.h.

PROFESSOR ROGERS

The Satires of Juvenal.

PROFESSOR SANDERS (U. N. C.)

209-210. Vulgar Latin: Introduction to Romance Philology.—6 s.h.

PROFESSOR ROSBOROUGH

215. Introduction to Roman Art and Archaeology.

[Not offered in 1937-38]

**216. Topography and Monuments of Ancient Rome.—Lectures and reports.
3 s.h.**

PROFESSOR ROSBOROUGH

251-252. Roman Life.

[Not offered in 1937-38]

FOR GRADUATES

311-312. Latin Epigraphy.

[Not offered in 1937-38]

333-334. Roman Provincial Administration.—6 s.h.

PROFESSOR ROGERS

[Not offered in 1937-38]

Latin Epigraphy.

PROFESSOR HARRER (U. N. C.)

Latin Paleography.

PROFESSOR HARRER (U. N. C.)

375-376. Greek and Latin Linguistics.—6 s.h.

[Not offered in 1937-38]

Seminars: Various authors are selected from year to year as a basis for the work in the seminar which consists of training in criticism and research. Seminars are offered in the following: *Plautus* (321-322), *Catullus* (311-312), *Roman Historians* (331-332), *Martial* (351-352), and *Horace* (361-362). The seminar planned for 1937-38 is:

351-352. Martial.—6 s.h.

PROFESSOR ROSBOROUGH

Latin Seminars in Cicero, Vergil, Horace, Livy, Suetonius and Tacitus.

PROFESSOR HARRER AND PROFESSOR JOHNSON (U. N. C.)

In addition to the courses marked (U. N. C.) above, the following courses given at the University of North Carolina are also open to graduate students under the co-operative agreement:

Prose Writings of the Republic.

PROFESSOR SANDERS

Roman Historical Literature.

PROFESSOR HARRER

Cicero: His Political Career and Works.

PROFESSOR HARRER (U. N. C.)

Introduction to Comparative Philology.

PROFESSOR LANE

SANSKRIT

FOR SENIORS AND GRADUATES

Elementary Sanskrit.

PROFESSOR LANE (U. N. C.)

SEMITICS

FOR SENIORS AND GRADUATES

O.T. 201-202. **Elementary Hebrew.**—6 s.h.

ASSISTANT PROFESSOR STINESPRING

O.T. 307-308. **Advanced Hebrew.**—6 s.h.

ASSISTANT PROFESSOR STINESPRING

O. T. 309. **History of the Ancient Near East.**—3 s.h.

ASSISTANT PROFESSOR STINESPRING

N. T. 316. **Judaism at the Beginning of the Christian Era.**—3 s.h.

[Not offered in 1937-38]

PROFESSOR BRANSCOMB

Elementary Arabic.—No prerequisite, but one year of Hebrew recommended as preparation.

ASSISTANT PROFESSOR STINESPRING

[Not offered in 1937-38]

BOTANY

PROFESSOR BLOMQUIST, CHAIRMAN; PROFESSOR WOLF, DIRECTOR OF GRADUATE STUDIES; ASSOCIATE PROFESSOR HARRAR; ASSISTANT PROFESSORS ADDOMS, KRAMER, AND OOSTING; DRS. ANDERSON AND PERRY

FOR SENIORS AND GRADUATES

202. **Genetics.**—Prerequisites: one year of botany or zoology, or equivalent, and college algebra. 4 s.h.

DR. PERRY

[Not offered in 1937-38]

203. **Plant Cytology.**—Prerequisite: two years of botany. 4 s.h.

DR. ANDERSON

204. **Advanced Plant Anatomy.**—Prerequisite: Botany 55 or equivalent. 4 s.h.

ASSISTANT PROFESSOR ADDOMS

216. **Botanical Microtechnique.**—Prerequisite: three semesters of botany. 4 s.h.

PROFESSOR BLOMQUIST

221. **Structure and Classification of Fungi.**—Prerequisite: two years of botany. 4 s.h.

PROFESSOR WOLF

225-226. **Special Problems.**—Credits to be arranged.

STAFF

252. **Advanced Plant Physiology.**—Prerequisite: Botany 151 or equivalent; organic chemistry recommended. 4 s.h.

ASSISTANT PROFESSOR KRAMER

256. **Field Ecology.**—Prerequisites: Botany 1, 2, and 52, or equivalent. 4 s.h.

ASSISTANT PROFESSOR OOSTING

FOR GRADUATES

310. **Structure and Classification of Bryophytes and Pteridophytes.**—Prerequisite: two years of botany. 4 s.h.

PROFESSOR BLOMQUIST

311. **Structure and Classification of Algae.**—Prerequisite: two years of botany. 4 s.h.

PROFESSOR BLOMQUIST

341. **Methods in Plant Physiology.**—4 s.h.

ASSISTANT PROFESSOR KRAMER

342. **Plant Microchemistry.**—2 s.h.

ASSISTANT PROFESSOR ADDOMS

355-356. Taxonomy of Special Groups.—Prerequisite: two years of botany or equivalent, including taxonomy. **2-8 s.h.** PROFESSOR BLOMQUIST

359-360. Research in Botany.—Credits to be arranged. STAFF

397-398. General Botanical Seminar.—Required of all graduates majoring in botany. **1 s.h.** each semester. STAFF

FOREST BOTANY

FOR SENIORS AND GRADUATES

224. Forest Pathology.—Prerequisites: Botany 1, 2, and Forest Botany 153, or equivalent. **4 s.h.** PROFESSOR WOLF

253. Dendrology.—Prerequisite: two years of botany. **4 s.h.**
ASSOCIATE PROFESSOR HARRAR

CHEMISTRY

PROFESSOR GROSS,* CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS VOSBURGH AND WILSON; ASSOCIATE PROFESSOR BIGELOW; ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRS. BROWN AND HILL

FOR SENIORS AND GRADUATES

215-216. Advanced Inorganic Chemistry.—Prerequisites: Chemistry 1-2, 61, 70, and 151-152. Chemistry 261-262, advanced physics, and ability to read German are desirable. **6 s.h.** PROFESSOR VOSBURGH AND DR. HILL
[Not offered in 1937-38]

231. Instrumental Analysis.—Prerequisite: Chemistry 70. Laboratory physics is desirable. **3 s.h.**
PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

232. Advanced Quantitative Analysis.—Prerequisites: Chemistry 70 and 151-152. **3 s.h.** PROFESSOR VOSBURGH, ASSOCIATE PROFESSOR BIGELOW, AND ASSISTANT PROFESSOR SAYLOR

241. Physiological Chemistry.—Prerequisites: Chemistry 70 and 151-152. Course 261-262 is desirable though not required. **4 s.h.**
PROFESSOR WILSON

242. Metabolism.—Two lectures, credit **2 s.h.**, and six laboratory hours, credit **2 s.h.** **4 s.h.** PROFESSOR WILSON

253-254. Advanced Organic Chemistry.—Prerequisites: Chemistry 151-152 or equivalent and a reading knowledge of German. **8 s.h.**
ASSOCIATE PROFESSOR BIGELOW, ASSISTANT PROFESSOR HAUSER, DR. BROWN.

260. Colloid Chemistry.—Prerequisites: Chemistry 151-152 and 261. **3 s.h.**
PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR
[Not offered in 1937-38]

261-262. Physical and Electrochemistry.—Prerequisites: Chemistry 70, 151-152, college physics, and college algebra. Calculus is desirable but is not required. **6 s.h.** PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR

* On leave, first semester, 1937-1938.

271. Introduction to Research.—1 s.h.

PROFESSORS GROSS AND VOSBURGH, AND
ASSOCIATE PROFESSOR BIGELOW

273-274. Seminar.—2 s.h.

PROFESSORS GROSS AND VOSBURGH; ASSOCIATE PROFESSOR BIGELOW;
ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HILL

275-276. Research.—3 or 6 s.h.

PROFESSORS GROSS, VOSBURGH, AND WILSON; ASSOCIATE PROFESSOR BIGELOW;
ASSISTANT PROFESSORS HAUSER AND SAYLOR; DRs. BROWN AND HILL

FOR GRADUATES

351-352. Advanced Synthetic Organic Chemistry.—2 s.h.

PROFESSOR BIGELOW

361-362. Chemical Thermodynamics.—Prerequisite: Chemistry 261-262 or
its equivalent. 6 s.h. PROFESSOR GROSS
[Not offered in 1937-38]

363-364. Advanced Physical Chemistry.—Prerequisite: Chemistry 261-262
or its equivalent. 6 s.h. PROFESSORS GROSS AND VOSBURGH; ASSISTANT
PROFESSOR SAYLOR, AND DR. HILL

365. Phase Rule.—3 s.h.

PROFESSOR VOSBURGH

[Not offered in 1937-38]

RELATED COURSES IN OTHER DEPARTMENTS

BIOCHEMISTRY

M214. General Biochemistry.—Prerequisites: general chemistry, organic
chemistry, elementary physical and analytical chemistry and at least one
year of college biology. 6 s.h. DR. PERLZWEIG, DR. TAYLOR, AND STAFF

M242. Biochemical Preparations.—Prerequisite: Biochemistry M241.
2 s.h. DR. TAYLOR AND STAFF

M341. Pathological Chemistry.—Prerequisites: Biochemistry M241 and
Physiology M261-2. DRs. PERLZWEIG, TAYLOR, AND M. L. C. BERNHEIM

BOTANY

342. Plant Microchemistry.—2 s.h.

ASSISTANT PROFESSOR ADDOMS

PHYSICS

233. Theory of Atomic Spectra.—3 s.h.

PROFESSOR SPONER

324. Theory of Molecular Spectra.—3 s.h.

PROFESSOR SPONER

ECONOMICS AND BUSINESS ADMINISTRATION

PROFESSOR GLASSON, CHAIRMAN; PROFESSOR HOOVER, DIRECTOR OF GRADUATE
STUDIES; PROFESSORS HAMILTON,* SPENGLER, AND VON BECKERATH; ASSISTANT
PROFESSORS BLACK, DE VYVER, EITEMAN, RATCHFORD, AND SPRINGER

FOR SENIORS AND GRADUATES

203-204. Money, Banking, and Credit.—6 s.h.

PROFESSOR GLASSON

* On leave, 1937-1938.

215. **Economic Systems.**—3 s.h. PROFESSOR HOOVER
216. **Economic Functions of the State.**—3 s.h. PROFESSOR HOOVER
217. **Business Cycles.**—3 s.h. PROFESSOR SPENGLER
218. **Population Problems and the Standard of Living.**—3 s.h.
PROFESSOR SPENGLER
231. **The Economic History of Modern Europe.**—3 s.h.
ASSISTANT PROFESSOR DE VYVER
232. **The Economic History of the United States.**—3 s.h.
ASSISTANT PROFESSOR DE VYVER
235. **Public Finance.**—3 s.h. ASSISTANT PROFESSOR RATCHFORD
236. **Public Debts in the United States.**—3 s.h.
ASSISTANT PROFESSOR RATCHFORD
- 237-238. **Statistical Methods.**—Prerequisite: Business Statistics 138 or consent of the instructor. 6 s.h. ASSISTANT PROFESSOR SPRINGER
239. **Prices.**—3 s.h. PROFESSOR —————
240. **Modern Schools of Economic Thought.**—3 s.h. PROFESSOR SPENGLER
- 245-246. **Problems of Modern Industrialism.**—6 s.h.
[Offered only in the first semester in 1937-38] PROFESSOR VON BECKERATH
253. **Labor Problems.**—Prerequisite: Economics 51-52. 3 s.h.
ASSISTANT PROFESSOR DE VYVER
256. **Labor Legislation.**—Prerequisite: Economics 51-52; Economics 253, or with the consent of the instructor. 3 s.h.
ASSISTANT PROFESSOR DE VYVER
265. **International Trade and Tariff Policies.**—3 s.h. PROFESSOR SPENGLER
266. **International Finance.**—3 s.h. ASSISTANT PROFESSOR EITEMAN
267. **Competitive versus Monopolistic Enterprise.**—2 s.h.
PROFESSOR VON BECKERATH
268. **Political Aspects of the Regulation of International Trade.**—2 s.h.
[In 1937-38 offered in first semester] PROFESSOR VON BECKERATH
- 275-276. **Advanced Industrial Accounting and Management.**—Courses 57-58 and 105 are ordinarily prerequisites for this course. 6 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR BLACK

FOR GRADUATES

- 311-312. **History of Political Economy.**—6 s.h.
ASSISTANT PROFESSOR EITEMAN
- 313-314. **Advanced Economic Theory.**—6 s.h. PROFESSOR HOOVER
318. **General Seminar in Economics.**—2 s.h. STAFF

RELATED COURSES IN OTHER DEPARTMENTS

Attention is called to the following courses in related departments:

- History 219-220. The History of the European Proletariate.—6 s.h.**
 PROFESSOR CARROLL
- Political Science 207. American Constitutional Law and Theory.—3 s.h.**
 PROFESSOR WILSON
- Sociology 219. Urban Sociology.—3 s.h.** ASSISTANT PROFESSOR THOMPSON
- Sociology 220. Rural Sociology.—3 s.h.** ASSISTANT PROFESSOR THOMPSON
- Sociology 227. Emigration and Immigration.—3 s.h.** PROFESSOR JENSEN

EDUCATION

PROFESSOR HOLTON, CHAIRMAN; PROFESSOR BROWNELL, DIRECTOR OF GRADUATE STUDIES; PROFESSORS CHILDS AND PROCTOR;* ASSOCIATE PROFESSOR CARR; ASSISTANT PROFESSOR EASLEY

ELEMENTARY EDUCATION

FOR SENIORS AND GRADUATES

- 207. Technique of Teaching.—3 s.h.** ASSOCIATE PROFESSOR CARR
 [Not offered in 1937-38]
- 212. Psychology of the Elementary School Subjects.—3 s.h.**
 ASSOCIATE PROFESSOR CARR
- 222. The Curriculum and Materials of the Elementary Grades.—3 s.h.**
 ASSOCIATE PROFESSOR CARR
- 232. Elementary School Supervision.—3 s.h.** ASSOCIATE PROFESSOR CARR
 [Not offered in 1937-38]

EXPERIMENTAL EDUCATION AND EDUCATIONAL PSYCHOLOGY

FOR SENIORS AND GRADUATES

- 208. Mental Tests and Applications.—Prerequisite: course 258 or six semester-hours of other work in educational psychology or psychology. 3 s.h.**
 ASSISTANT PROFESSOR EASLEY
- 209. Statistical Methods Applied to Education.—3 s.h.**
 [Not offered in 1937-38] ASSISTANT PROFESSOR EASLEY
- 216. Psychological Principles of Secondary Education.—3 s.h.**
 [Not offered in 1937-38] PROFESSOR CHILDS
- 217. Advanced Educational Psychology.—3 s.h.**
 ASSISTANT PROFESSOR EASLEY
- 218. Educational Implications of Genetic Psychology.—Prerequisite: six semester-hours of psychology or educational psychology. 3 s.h.**
 [Not offered in 1937-38] PROFESSOR BROWNELL

* On leave, first semester, 1937-1938.

219. Experimental Education.—3 s.h. PROFESSOR BROWNELL

227. The Psychology of Learning: Problems.—3 s.h.
ASSISTANT PROFESSOR EASLEY

228. The Psychology of Learning: Theoretical and Experimental.—Pre-requisite: course 227 or its equivalent. 3 s.h.
ASSISTANT PROFESSOR EASLEY

237. Investigations in Reading.—3 s.h. ASSOCIATE PROFESSOR CARR

247. Investigations in Arithmetic.—3 s.h. PROFESSOR BROWNELL

258. Educational Measurements.—Prerequisite: twelve semester-hours in the Department, including a course in educational psychology. 3 s.h.
PROFESSOR BROWNELL

FOR GRADUATES

307-308. Seminar in Educational Psychology.—2 s.h.
PROFESSOR BROWNELL AND ASSISTANT PROFESSOR EASLEY

309-310. Research in Educational Psychology.—3 to 6 s.h.
PROFESSOR BROWNELL

318. Investigation of Study Problems.—3 s.h.
[Not offered in 1937-38] PROFESSOR BROWNELL

338. Research in Reading.—Education 247 is advised as a preliminary course, but is not required. 3 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR CARR

348. Research in Arithmetic.—Education 247 is advised as a preliminary course, but is not required. 3 s.h.
[Not offered in 1937-38] PROFESSOR BROWNELL

HISTORY AND PHILOSOPHY OF EDUCATION

FOR SENIORS AND GRADUATES

200. Introduction to the Philosophy of Education.—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON

214. History of Education in the United States.—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON

244. Studies in the Historical Development of Public School Administration.—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON

254. History of Secondary Education in the United States.—3 s.h.
[Not offered in 1937-38] PROFESSOR PROCTOR

264. Recent Movements in American Education.—3 s.h.
PROFESSOR HOLTON

294. Comparative Education: Recent Movements in European Educational Systems.—3 s.h.
ASSOCIATE PROFESSOR CARR

PUBLIC SCHOOL ADMINISTRATION

FOR SENIORS AND GRADUATES

233. **Administrative Pupil-Accounting.**—3 s.h.
[Not offered in 1937-38] PROFESSOR PROCTOR
234. **Secondary School Organization and Administration.**—3 s.h.
PROFESSOR PROCTOR
253. **Legal Phases of School Administration.**—3 s.h.
[Not offered in 1937-38] PROFESSOR HOLTON

FOR GRADUATES

323. **Public School Finance.**—3 s.h.
[Not offered in 1937-38] PROFESSOR PROCTOR
343. **State and County School Administration.**—3 s.h.
[Not offered in 1937-38] PROFESSOR PROCTOR
363. **City School Administration.**—3 s.h.
[Not offered in 1937-38] PROFESSOR PROCTOR

SECONDARY EDUCATION AND EDUCATIONAL SOCIOLOGY

FOR SENIORS AND GRADUATES

- S205. **Curriculum Problems in Secondary Education.**—3 s.h.
[Not offered in 1937-38] PROFESSOR CHILDS
206. **Sociological Foundations of the Secondary-School Subjects.**—Prerequisite: six semester-hours in education, including course 105. 3 s.h.
PROFESSOR CHILDS
225. **The Teaching of High-School History.**—3 s.h.
ASSISTANT PROFESSOR MANCHESTER
246. **The Teaching of Mathematics.**—3 s.h. PROFESSOR RANKIN
266. **The Teaching of High-School French.**—3 s.h. PROFESSOR WEBB
- FOR GRADUATES
300. **Methods of Educational Research: Seminar.**—3 s.h.
MEMBERS OF THE DEPARTMENT

RELATED COURSES IN OTHER DEPARTMENTS

FOR MAJORS IN EDUCATIONAL PSYCHOLOGY, ELEMENTARY EDUCATION,
AND SECONDARY EDUCATION

- Psychology 201. **Social Psychology.**—2 s.h. PROFESSOR McDUGALL
- Psychology 205. **General Psychology.**—2 s.h. PROFESSOR STERN
- Psychology 209. **Advanced Laboratory Methods in Psychology, with Lectures.**—4 s.h. ASSOCIATE PROFESSOR ZENER
- Psychology 211. **Neurological Foundations of Behavior.**—4 s.h.
ASSOCIATE PROFESSOR ZENER
- Psychology 216. **Seminar in Comparative Psychology.**—2 or 3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. McCULLOCH

Psychology 217. Gestalt Theory.—3 s.h. ASSISTANT PROFESSOR ADAMS

Psychology 219. History of Psychology.—2 s.h. PROFESSOR McDOUGALL

Psychology 226. Contemporary Schools of Psychology.—3 s.h.
ASSOCIATE PROFESSOR ZENER

Psychology 305. Seminar.—2 or 3 s.h. PROFESSOR McDOUGALL

Psychology 306. Seminar in Child Psychology.—2 or 3 s.h.
ASSISTANT PROFESSOR ADAMS

Psychology 309. Theory of Learning.—3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. McCULLOCH

Psychology 315. Child Psychology.—3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. McCULLOCH

Sociology 212. Child Welfare.—3 s.h. PROFESSOR JENSEN

Sociology 213. Constructive Social Policies.—2 s.h. PROFESSOR JENSEN

Sociology 218. Cultural Anthropology.—3 s.h. PROFESSOR ELLWOOD

Sociology 319. Principles of Sociology.—3 s.h. PROFESSOR ELLWOOD

Sociology 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD

FOR MAJORS IN PUBLIC SCHOOL ADMINISTRATION

Economics 235. Public Finance.—3 s.h. ASSISTANT PROFESSOR RATCHFORD

Economics 236. Public Debts.—3 s.h. ASSISTANT PROFESSOR RATCHFORD

Political Science 209. State and Local Government in the United States.—
3 s.h. PROFESSOR RANKIN

Political Science 291. Municipal Government.—3 s.h. PROFESSOR RANKIN

Religion 365. Seminar in Character Education and the State.—2 s.h.
PROFESSOR SMITH

Sociology 213. Constructive Social Policies.—2 s.h. PROFESSOR JENSEN

FOR MAJORS IN HISTORY AND PHILOSOPHY OF EDUCATION

History 209-210. Constitutional History of the United States, 1763-1860.—
6 s.h. ASSOCIATE PROFESSOR SYDNOR

History 306. Southern History, 1740-1860.—4 s.h. PROFESSOR BOYD

History 307. The Colonial Period, 1606-1763.—4 s.h. PROFESSOR BOYD

History 308. Studies in the Social History of the United States.—4 s.h.
PROFESSOR SHRYOCK

Philosophy 205. The Philosophy of History.—3 s.h. PROFESSOR WIDGERY

Philosophy 208. Political Philosophy.—3 s.h.
ASSOCIATE PROFESSOR MORGAN

- Philosophy 223. Contemporary Philosophy.—3 s.h. PROFESSOR WIDGERY
- Religion 362. Ethical Theory of Christian Education.—3 s.h.
PROFESSOR SMITH
- Religion 363-364. Religious Thought in the Rise of American Culture.—
6 s.h. PROFESSOR SMITH
- Sociology 319. Principles of Sociology.—3 s.h. PROFESSOR ELLWOOD
- Sociology 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD

ENGLISH

PROFESSOR BROWN, CHAIRMAN; PROFESSOR BAUM, DIRECTOR OF GRADUATE STUDIES;
PROFESSORS GILBERT, HUBBELL, IRVING, AND WHITE; ASSOCIATE
PROFESSOR GOHDES; ASSISTANT PROFESSOR ANDERSON

FOR SENIORS AND GRADUATES

- 201-202. Anglo-Saxon.—6 s.h. PROFESSOR BROWN
- 203-204. Chaucer.—6 s.h. PROFESSOR BAUM
- 207-208. English Literature, 1400-1550.—6 s.h. PROFESSOR BAUM
[Not offered in 1937-38]
- 209-210. English Romances.—6 s.h. PROFESSOR BROWN
[Not offered in 1937-38]
- 213-214. The Ballad and Other Folk-Lore.—6 s.h. PROFESSOR BROWN
- 215-216. The Drama of the Elizabethan Period.—6 s.h.
PROFESSOR GILBERT
- 217-218. Spenser and Milton.—6 s.h. PROFESSOR GILBERT
- 219-220. English Literature, 1660-1798.—6 s.h. PROFESSOR IRVING
221. The Drama in England, 1640-1770.—3 s.h. PROFESSOR BAUM
[Not offered in 1937-38]
- 225-226. Studies in Victorian Literature.—6 s.h. PROFESSOR BAUM
- 227-228. Literary Criticism.—6 s.h. PROFESSOR GILBERT
- 229-230. American Literature, 1800-1870.—Seniors must have credit for
English 137-138. 6 s.h. PROFESSOR HUBBELL AND ASSOCIATE PROFESSOR GOHDES
- 231-232. Special Studies in American Authors.—6 s.h. ASSOCIATE PROFESSOR GOHDES
[Not offered in 1937-38]
- 233-234. American Literature since 1870.—6 s.h. ASSOCIATE PROFESSOR GOHDES

FOR GRADUATES

301. Bibliography and Methods of Research.—This course or its equivalent is required of all candidates for higher degrees. 3 s.h.
PROFESSOR GILBERT

- 303-304. **The Elizabethan Period.**—6 s.h. PROFESSOR GILBERT
[Not offered in 1937-38]
305. **The Early Renaissance.**—3 s.h. PROFESSOR BAUM
[Not offered in 1937-38]
308. **Southern Literature and Culture.**—6 s.h. PROFESSOR HUBBELL
[Not offered in 1937-38]
309. **Chaucer.**—3 s.h. PROFESSOR BAUM
[Not offered in 1937-38]
- 313-314. **Studies in the Romantic Writers of the Early Nineteenth Century.**—6 s.h. PROFESSOR WHITE
- 315-316. **Middle English.**—(Formerly 205-206.) 6 s.h. PROFESSOR BAUM

COURSES IN THE WRITING OF THESES

Students who are candidates for the A.M. and Ph.D. degrees and who are at work on theses must enroll with one of the instructors listed here:

- A. Professor Brown directs students working on theses in Anglo-Saxon, Middle English romances, folk-lore, the ballad, Shakespeare.
- B. Professor Baum directs those working on subjects in Middle English, the periods from 1400-1550, and from 1832-1900, poetics.
- C. Professor Gilbert directs theses in the Elizabethan period, especially in Spenser and Milton, in the early seventeenth century, in literary criticism.
- D. Professor Hubbell, Associate Professor Gohdes, Assistant Professor Anderson direct the work of students in the various fields of American literature.
- E. Professor Irving directs theses on subjects in the seventeenth and eighteenth centuries.
- F. Professor White directs theses relating to the period from 1798 to 1832 or having to do with the novel in England.

RELATED COURSES IN OTHER DEPARTMENTS

The following courses may be of great value to graduate students in English; some may be necessary:

- German 205-206. **Middle High German.**—6 s.h. PROFESSOR VOLLMER
[Not offered in 1937-38]
- German 301-302. **History of the German Language.**—6 s.h. PROFESSOR VOLLMER
- Greek 201-202. **Greek Tragedy.**—6 s.h. PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY
- Greek 203-204. **Homer.**—Pindar and Bacchylides. 6 s.h. PROFESSOR PEPPLER AND ASSISTANT PROFESSOR WAY
- History 208. **Studies in the Social History of the United States.**—3 s.h. PROFESSOR SHRYOCK
[Not offered in 1937-38]
- History 221-222. **The Age of the Renaissance.**—6 s.h. ASSOCIATE PROFESSOR NELSON
- History 223-224. **Medieval Institutions and Culture.**—6 s.h. ASSISTANT PROFESSOR QUINN
- History 225-226. **The Age of the Reformation.**—6 s.h. ASSOCIATE PROFESSOR NELSON
[Not offered in 1937-38]

Philosophy 213-214. History of Aesthetics.—6 s.h. PROFESSOR GILBERT

Psychology 202. Psychology of Aesthetics.—3 s.h. PROFESSOR LUNDHOLM

FORESTRY

PROFESSORS KORSTIAN, SCHUMACHER, AND WOLF; ASSOCIATE PROFESSORS HARRAR AND MAUGHAN; ASSISTANT PROFESSORS COILE AND KRAMER

FOR SENIORS AND GRADUATES

224. **Forest Pathology.**—Prerequisites: Botany 1 and 2, Forestry 153, or equivalents. 4 s.h. PROFESSOR WOLF

253. **Dendrology.**—Prerequisite: two years of botany or forestry. 4 s.h. ASSOCIATE PROFESSOR HARRAR

255. **Forest Mensuration.**—Prerequisite: Forestry S151. 4 s.h. PROFESSOR SCHUMACHER

257. **Design of Forestry Experiments and Analysis of Data.**—Prerequisite: Forestry 255. (Students lacking Forestry 255 may take this course but must register for 5 s.h. and do additional work.) 4 or 5 s.h. PROFESSOR SCHUMACHER

258. **Wood Anatomy and Properties.**—Prerequisites: Physics 1 and 2, Chemistry 1 and 2, Forestry 153, or equivalents. 4 s.h. ASSOCIATE PROFESSOR HARRAR

261. **Forest Soils.**—Desirable prerequisites: Chemistry 1 and 2, Physics 1 and 2, Botany 151 and 156, or equivalents. 4 s.h. ASSISTANT PROFESSOR COILE

264. **Silvics.**—Desirable prerequisites: Botany 151 and 156, Forestry 153 and 261, or equivalents. 4 s.h. PROFESSOR KORSTIAN

FOR GRADUATES

322-324. **Advanced Forest Pathology.**—Prerequisites: plant physiology and forest pathology. Credits to be arranged. PROFESSOR WOLF

351-352. **Advanced Physiology of Forest Trees.**—Prerequisites: plant physiology and plant ecology. Credits to be arranged. ASSISTANT PROFESSOR KRAMER

357-358. **Research in Forestry.**—Credits to be arranged.

a. **Advanced Silvics.**—Prerequisites: Forestry 253, 261, 264, or equivalents. PROFESSOR KORSTIAN

b. **Advanced Forest Soils.**—Prerequisite: Forestry 261 or equivalent. ASSISTANT PROFESSOR COILE

c. **Advanced Silviculture.*** PROFESSOR KORSTIAN AND ASSOCIATE PROFESSOR MAUGHAN

d. **Advanced Forest Management.*** ASSOCIATE PROFESSOR MAUGHAN

e. **Advanced Forest Regulation.*** ASSOCIATE PROFESSOR MAUGHAN

* Open only to graduates of professional schools of forestry of recognized standing who have satisfactorily completed basic courses in forestry and allied subjects.

f. **Advanced Wood Anatomy and Properties.**—Prerequisite: Forestry 258 or equivalent. ASSOCIATE PROFESSOR HARRAR

g. **Advanced Forest Mensuration.**—Prerequisites: Forestry S151 and 255, or equivalents. PROFESSOR SCHUMACHER

GERMANIC LANGUAGES AND LITERATURE

PROFESSOR VOLLMER, CHAIRMAN; PROFESSOR KRUMMEL

FOR SENIORS AND GRADUATES

201-202. **Goethe.**—6 s.h. PROFESSOR KRUMMEL

207-208. **German Romanticism.**—6 s.h. PROFESSOR VOLLMER

209-210. **Kleist, Grillparzer, and Hebbel.**—6 s.h. PROFESSOR KRUMMEL
[Not offered in 1937-38]

211-212. **Heinrich Heine.**—6 s.h. PROFESSOR VOLLMER
[Not offered in 1937-38]

213-214. **Literature of the Empire, 1871-1914.**—6 s.h. PROFESSOR VOLLMER

FOR GRADUATES

301-302. **Gothic—History of the German Language.**—6 s.h. PROFESSOR VOLLMER

RELATED COURSES IN OTHER DEPARTMENTS

The following courses in other departments are recommended to students, who are majoring in Germanics, as particularly valuable in building a proper background for Germanic studies:

(a) Any graduate courses in literature or philology offered by the ancient and modern language departments.

(b) **History 217-218. Europe since 1870.**—6 s.h. PROFESSOR CARROLL

History 221-222. The Age of the Renaissance.—6 s.h. ASSOCIATE PROFESSOR NELSON

History 223-224. Medieval Institutions and Culture.—6 s.h. ASSISTANT PROFESSOR QUINN

History 225-226. The Age of the Reformation.—6 s.h. ASSOCIATE PROFESSOR NELSON

(c) **Philosophy 213-214. History of Aesthetics.**—6 s.h. (E) PROFESSOR GILBERT

Philosophy 223. Contemporary Philosophy.—3 s.h. PROFESSOR WIDGERY

(d) **Sociology 320. History of Social Philosophy.**—3 s.h. PROFESSOR ELLWOOD

HISTORY

PROFESSOR BOYD, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS CARROLL, LAPRADE, AND SHRYOCK; ASSOCIATE PROFESSORS CLYDE, NELSON, AND SYDNOR; ASSISTANT PROFESSORS LANNING, MANCHESTER, AND QUINN

AMERICAN HISTORY

FOR SENIORS AND GRADUATES

209-210. Constitutional History of the United States, 1763-1860.— 6 s.h.
ASSOCIATE PROFESSOR SYDNOR

215-216. History of the Foreign Relations of the United States.—Prerequisites: courses 91 and 92. 6 s.h.
ASSOCIATE PROFESSOR CLYDE

230. The History of North Carolina.—3 s.h.
[Not offered in 1937-38] PROFESSOR BOYD

231. The Hispanic Colonies of the New World.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR LANNING

232. The Hispanic American Republics of the New World.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR LANNING

233. The Cultural and Institutional History of Colonial Hispanic America.—3 s.h.
ASSISTANT PROFESSOR LANNING

234. Political and Social Problems in the Hispanic American Republics.—3 s.h.
ASSISTANT PROFESSOR LANNING

FOR GRADUATES

303. The Union, Confederacy, and Reconstruction.—4 s.h.
PROFESSOR BOYD

306. Southern History, 1740-1860.—4 s.h.
[Not offered in 1937-38] PROFESSOR BOYD

307. The Colonial Period, 1606-1763.—4 s.h.
[Not offered in 1937-38] PROFESSOR BOYD

308. Studies in the Social History of the United States.—4 s.h.
PROFESSOR SHRYOCK

315. Seminar in Southern History.—2 s.h.
PROFESSOR BOYD

321. Seminar in the History of Spain and the Spanish-American Colonies.—2 s.h.
ASSISTANT PROFESSOR LANNING

322. Seminar in American Social History.—2 s.h.
PROFESSOR SHRYOCK

EUROPEAN HISTORY

FOR SENIORS AND GRADUATES

205-206. English Constitutional History.—6 s.h.
[Not offered in 1937-38] PROFESSOR LAPRADE

217-218. Europe since 1870.—6 s.h.
PROFESSOR CARROLL

219-220. The History of the European Proletariat.—6 s.h.
PROFESSOR CARROLL

221-222. The Age of the Renaissance.—6 s.h.

ASSOCIATE PROFESSOR NELSON

223-224. Medieval Institutions and Culture.—6 s.h.

ASSISTANT PROFESSOR QUINN

225-226. The Age of the Reformation.—6 s.h.

[Not offered in 1937-38]

ASSOCIATE PROFESSOR NELSON

FOR GRADUATES

305. Seminar in the History of England and the British Empire.—2 s.h.
PROFESSOR LAPRADE

317. Seminar in Recent European History.—2 s.h. PROFESSOR CARROLL

325. British Nationality and Public Opinion.—4 s.h.

[Not offered in 1937-38]

PROFESSOR LAPRADE

327. Modern Phases of the English Constitution.—4 s.h.

PROFESSOR LAPRADE

328. Foundations of the British Empire.—4 s.h.

[Not offered in 1937-38]

PROFESSOR LAPRADE

THE TEACHING OF HISTORY

FOR SENIORS AND GRADUATES

211. The Teaching of History and Civics.—3 s.h.

ASSISTANT PROFESSOR MANCHESTER

BIBLIOGRAPHY

FOR GRADUATES

326. Historiography and Bibliography.—2 s.h.

[Not offered in 1937-38]

MEMBERS OF THE DEPARTMENT

RELATED COURSES IN OTHER DEPARTMENTS

Church History 334.—The Church in America.—6 s.h. PROFESSOR GARBER

Economics 215. Economic Systems.—3 s.h.

PROFESSOR HOOVER

Economics 216. Economic Functions of the State.—3 s.h.

PROFESSOR HOOVER

Economics 231. Economic History of Modern Europe.—3 s.h.

PROFESSOR HAMILTON

Economics 232. Economic History of the United States.—3 s.h.

PROFESSOR HAMILTON

Economics 311-312. History of Political Economy.—6 s.h.

PROFESSOR HAMILTON

Old Testament 309.—History of the Ancient Near East.—3 s.h.

ASSISTANT PROFESSOR STINESPRING

Political Science 223. Political Thought to the Seventeenth Century.—
3 s.h. PROFESSOR WILSON

Political Science 224. Modern Political Theory.—3 s.h.

PROFESSOR WILSON

Religious Education 363-364. Religious Thought in the Rise of American Culture.—6 s.h.

PROFESSOR SMITH

Sociology 320. History of Social Philosophy.—3 s.h.

PROFESSOR ELLWOOD

MATHEMATICS

ASSOCIATE PROFESSOR GERGEN, CHAIRMAN; PROFESSOR THOMAS, DIRECTOR OF
GRADUATE STUDIES; PROFESSORS ELLIOTT AND RANKIN; ASSOCIATE
PROFESSOR CARLITZ; ASSISTANT PROFESSORS HICKSON,
MARIA, MILES, AND ROBERTS*

FOR SENIORS AND GRADUATES

201. History of Mathematics.—3 s.h.

PROFESSOR RANKIN

204. The Teaching of Mathematics.—Prerequisite: course 100 unless the two are taken simultaneously. 3 s.h.

PROFESSOR RANKIN

207. Fundamental Concepts of Algebra and Geometry.—Prerequisite: course 100. 3 s.h.

PROFESSOR RANKIN

225. Theory of Equations and Determinants.—Prerequisite: course 55. 3 s.h.

PROFESSOR ELLIOTT

226. Galois Theory of Equations.—Prerequisite: course 225. 3 s.h.

ASSOCIATE PROFESSOR CARLITZ

228. Number Theory.—Prerequisite: course 100. 3 s.h.

ASSISTANT PROFESSOR ROBERTS

229-230. Theory of Algebraic Numbers.—Prerequisite: course 225. 6 s.h.

ASSOCIATE PROFESSOR CARLITZ

231. Differential Equations.—Prerequisite: course 100. 3 s.h.

PROFESSOR ELLIOTT

235-236. Modern Higher Algebra.—Prerequisite: course 55. 6 s.h.

PROFESSOR THOMAS

239-240. Advanced Calculus.—Prerequisite: course 100. 6 s.h.

PROFESSOR ELLIOTT

250. Modern Geometry.—Prerequisite: course 55. 3 s.h.

PROFESSOR RANKIN

252. Non-Euclidean Geometry.—Prerequisite: course 100. 3 s.h.

ASSISTANT PROFESSOR ROBERTS

255-256. Projective Geometry.—Prerequisite: course 55. 6 s.h.

PROFESSOR THOMAS

259. Analytic Geometry of Space.—Prerequisite: course 55. 3 s.h.

ASSISTANT PROFESSOR HICKSON

275. Probability.—Prerequisite: course 100. 3 s.h.

ASSISTANT PROFESSOR MILES

280. Fourier's Series and Spherical Harmonics.—Prerequisite: course 100. 3 s.h.

ASSOCIATE PROFESSOR GERGEN

* On leave, 1937-1938.

281. **Elementary Potential Theory.**—Prerequisite: course 100. 3 s.h.
ASSISTANT PROFESSOR MILES
284. **Vector Analysis.**—Prerequisite: course 100. 3 s.h.
PROFESSOR ELLIOTT
287. **Mathematical Logic.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ
288. **Foundations of Mathematics.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ
- FOR GRADUATES
- 325-326. **Functions of a Real Variable.**—Prerequisite: course 240. 6 s.h.
ASSISTANT PROFESSOR MARIA
- 327-328. **Modern Theories of Integration.**—Prerequisite: course 239-240. 6 s.h.
ASSISTANT PROFESSOR MILES
- 330-331. **Theory of Functions of a Complex Variable.**—Prerequisite: course 239-240. 6 s.h.
ASSISTANT PROFESSOR HICKSON
- 333-334. **Analytic Theory of Numbers.**—Prerequisite: course 325-326. 6 s.h.
ASSOCIATE PROFESSOR CARLITZ
- 335-336. **Infinite Series.**—Prerequisite: course 239-240. 6 s.h.
PROFESSOR ELLIOTT
- 337-338. **Existence Theorems.**—Prerequisite: course 239-240. 6 s.h.
PROFESSOR THOMAS
- 340-341. **Integral Equations.**—Prerequisites: courses 231 and 239-240. 6 s.h.
PROFESSOR ELLIOTT
- 342-343. **Theory of Differential Equations.**—Prerequisites: courses 231 and 239-240. 6 s.h.
PROFESSOR ELLIOTT
- 345-346. **Calculus of Variations.**—Prerequisites: courses 231 and 239-240. 6 s.h.
ASSISTANT PROFESSOR HICKSON
- 347-348. **Elliptic Functions.**—Prerequisite: course 239-240. 6 s.h.
ASSOCIATE PROFESSOR CARLITZ
- 350-351. **Differential Geometry.**—Prerequisites: courses 231 and 239-240. 6 s.h.
PROFESSOR THOMAS
- 353-354. **Trigonometric Series.**—Prerequisites: courses 325-326 and 330-331. 6 s.h.
ASSOCIATE PROFESSOR GERGEN
- 371-372. **Topology.**—Prerequisite: course 239. (Formerly 271-272.) 3 s.h.
ASSISTANT PROFESSOR ROBERTS
- 375-376. **Partial Differential Equations.**—Prerequisites: courses 231 and 239-240. 6 s.h.
ASSISTANT PROFESSOR MILES
- 380-381. **Potential Theory.**—Prerequisite: course 325-326, unless the two courses are taken simultaneously. 6 s.h. ASSISTANT PROFESSOR MILES

PHILOSOPHY

PROFESSOR WIDGERY,* CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS
GILBERT, SMITH, AND STERN; ASSOCIATE PROFESSOR MORGAN; ASSISTANT
PROFESSOR LEONARD; AND DR. MCLARTY

FOR SENIORS AND GRADUATES

- 201-202. **The Philosophy of Art.**—6 s.h. (E) PROFESSOR GILBERT

* On leave, first semester, 1937-1938.

203. The Philosophy of Conduct.—3 s.h. ASSOCIATE PROFESSOR MORGAN
204. Christian Ethics.—3 s.h. DR. McLARTY
205. The Philosophy of History.—3 s.h. PROFESSOR WIDGERY
[Not offered in 1937-38]
206. Modern Political Theory.—3 s.h. PROFESSOR WILSON
207. Political Thought to the Seventeenth Century.—3 s.h. PROFESSOR WILSON
208. Political Philosophy.—3 s.h. ASSOCIATE PROFESSOR MORGAN
- 209-210. The Philosophy of Religion.—6 s.h. PROFESSOR WIDGERY
[Not offered in 1937-38]
212. Psychology of Belief.—2 s.h. Psychology 228. PROFESSOR LUNDHOLM
[Not offered in 1937-38]
- 213-314. History of Aesthetics.—6 s.h. PROFESSOR GILBERT
- 215-216. Plato.—6 s.h. ASSISTANT PROFESSOR WAY
217. The Philosophy of Aristotle.—Prerequisite: 105. 3 s.h. DR. McLARTY
- 219-220. The Age of the Renaissance.—6 s.h. History 221-222. ASSOCIATE PROFESSOR NELSON
222. Philosophical and Psychological Problems of Critical Personalism.—
2 s.h. PROFESSOR STERN
223. Contemporary Philosophy.—3 s.h. PROFESSOR WIDGERY
[Not offered in 1937-38]
226. The History of Ethics.—3 s.h. ASSOCIATE PROFESSOR MORGAN
227. Foundations of Mathematics.—3 s.h. ASSOCIATE PROFESSOR CARLITZ
228. Mathematical Logic.—3 s.h. ASSOCIATE PROFESSOR CARLITZ
- 229-230. Contemporary Physics.—6 s.h. ASSISTANT PROFESSOR CONSTANT
- 231-232. Philosophy of Science.— ASSISTANT PROFESSOR LEONARD
234. Introduction to the Philosophy of Education.—3 s.h. Education 200. PROFESSOR HOLTON
[Not offered in 1937-38]

FOR GRADUATES

- 301-302. Seminar in Philosophy.—4 s.h. PROFESSOR WIDGERY
- 303-304. Seminar in the History of Modern Philosophy.—4 s.h. PROFESSOR WIDGERY
[Not offered in 1937-38]
305. Seminar: Spinoza.—3 s.h. PROFESSOR GILBERT

307. Seminar: Kant. ASSOCIATE PROFESSOR MORGAN
308. Seminar: Hegel.—3 s.h. PROFESSOR GILBERT
309. Seminar for German Readings in Psychology and Philosophy.—
2 s.h. Psychology 311. PROFESSOR STERN
311. Historical and Philosophical Zoology.—2 s.h. Zoology 341.
[Not offered in 1937-38] PROFESSOR HARGITT
- 313-314. Seminar: Theories of Self.—4 s.h. Religion 377-378.
PROFESSOR HICKMAN
316. History of Social Philosophy.—3 s.h. Sociology 320.
PROFESSOR ELLWOOD
317. Theology in Ancient and Medieval Christianity.—Prerequisite:
Christian Doctrine 321-322. 3 s.h. Religion 323. PROFESSOR ROWE
318. Theology in Modern Christianity.—Prerequisite: Christian Doctrine
321-322. 3 s.h. Religion 324. PROFESSOR ROWE
- 319-320. Religious Thought in the Rise of American Culture.—Prereq-
uisite: Religious Education 261 or its equivalent. 3 s.h. Religion 363-364.
PROFESSOR SMITH
322. Seminar in Philosophy of Religious Education.—Prerequisite: Re-
ligious Education 261 or its equivalent. 2 s.h. Religion 366.
PROFESSOR SMITH

PHYSICS

PROFESSOR NIELSEN, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS
EDWARDS, HATLEY, NORDHEIM, AND SPONER; ASSISTANT PROFESSORS
CONSTANT AND MOUZON; DR. BONNER

FOR SENIORS AND GRADUATES

- 203-204. Analytical Mechanics.—6 s.h. ASSISTANT PROFESSOR MOUZON
- 205-206. Physical Optics.—6 s.h. PROFESSOR HATLEY
211. History of Physics.—2 s.h. PROFESSOR EDWARDS
- 213-214. Contemporary Physics.—6 s.h. ASSISTANT PROFESSOR CONSTANT
- 215-216. Atomic Physics Laboratory.—2 s.h.
PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON
- 217-218. Advanced General Physics Laboratory.—2 s.h.
PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON
- 221-222. Introduction to Theoretical Physics.—6 s.h.
ASSISTANT PROFESSOR CONSTANT

FOR GRADUATES

303. Thermodynamics.—1 s.h. PROFESSOR SPONER
[Not offered in 1937-38]
304. Kinetic Theory of Matter.—3 s.h. PROFESSOR SPONER
[Not offered in 1937-38]
307. Advanced Electricity and Magnetism.—Prerequisite: Physics 221-
222. 3 s.h. ASSISTANT PROFESSOR CONSTANT

311. Conduction of Electricity Through Gases.—3 s.h. PROFESSOR EDWARDS
312. Spectroscopy.—3 s.h. PROFESSOR EDWARDS
- 315-316. Principles of the Quantum Theory.—6 s.h. PROFESSOR NORDHEIM
317. Advanced Dynamics.—Prerequisites: Mathematics 231, 239, 240 and
Physics 203-204. 3 s.h. ASSISTANT PROFESSOR MOUZON
318. Electrodynamics.—3 s.h. ASSISTANT PROFESSOR CONSTANT
320. X-rays.—3 s.h. PROFESSOR HATLEY
[Not offered in 1937-38]
323. Theory of Atomic Spectra.—3 s.h. PROFESSOR SPONER
[Not offered in 1937-38]
324. Theory of Molecular Spectra.—3 s.h. PROFESSOR SPONER
[Not offered in 1937-38]
326. Statistical Mechanics.—3 s.h. PROFESSOR NIELSEN
[Not offered in 1937-38]
340. Structure of Matter.—3 s.h. PROFESSOR NORDHEIM
- 341-342. Advanced Topics in Physics.—6 s.h. PROFESSOR SPONER
- 343-344. Radioactivity and Nuclear Structure.—6 s.h.
PROFESSOR NIELSEN
- 351-352. Seminar.—2 s.h. STAFF
- 353-354. Thesis Seminar.—6 s.h. STAFF

RELATED COURSES IN OTHER DEPARTMENTS

CHEMISTRY

- 261-262. Physical and Electrochemistry.—6 s.h.
PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR
- 363-364. Advanced Physical Chemistry.—6 s.h.
PROFESSORS GROSS AND VOSBURGH, ASSISTANT
PROFESSOR SAYLOR, AND DR. HILL

ELECTRICAL ENGINEERING

261. Communication Engineering, Audio Frequency.—Prerequisites:
course 151-152, Mathematics 231. 3 s.h.
PROFESSOR SEELEY AND MR. RANSON
262. Communication Engineering, Radio Frequency.—Prerequisite: course
261. 4 s.h.
PROFESSOR SEELEY AND MR. RANSON

MATHEMATICS

280. Fourier's Series and Spherical Harmonics.—3 s.h.
ASSOCIATE PROFESSOR GERGEN
284. Vector Analysis.—3 s.h. PROFESSOR ELLIOTT
- 375-376. Partial Differential Equations.—6 s.h.
ASSISTANT PROFESSOR MILES
- 380-381. Potential Theory.—6 s.h. ASSISTANT PROFESSOR MILES

POLITICAL SCIENCE

PROFESSOR WILSON, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSORS
RANKIN AND VON BECKERATH; ASSOCIATE PROFESSOR COLE; DR. LINEBARGER

FOR SENIORS AND GRADUATES

207. American Constitutional Law and Theory.—3 s.h. PROFESSOR WILSON

209. State and Local Government in the United States.—3 s.h.
PROFESSOR RANKIN

211. Political Institutions of the Far East.—3 s.h. DR. LINEBARGER

212. International Politics of the Far East.—3 s.h. DR. LINEBARGER

223. Political Thought to the Seventeenth Century.—3 s.h.
PROFESSOR WILSON

224. Modern Political Theory.—3 s.h. PROFESSOR WILSON

225-226. Comparative Government.—6 s.h. ASSOCIATE PROFESSOR COLE

227-228. International Law and International Organization.—6 s.h.
PROFESSOR WILSON

230. American Political Institutions.—3 s.h. PROFESSOR RANKIN
[Not offered in 1937-38]

241-242. Principles of Public Administration.—6 s.h.
[Not offered in 1937-38]

244. Problems in Public Administration.—3 s.h.
[Not offered in 1937-38]

268. Political Aspects of the Regulation of International Trade.—2 s.h.
Economics 268. PROFESSOR VON BECKERATH
[Offered only in the first semester in 1937-38]

291. Municipal Government.—3 s.h. PROFESSOR RANKIN

292. Municipal Administration.—3 s.h. PROFESSOR RANKIN

FOR GRADUATES

310. Seminar in State Government.—3 s.h. PROFESSOR RANKIN

325. Seminar in Comparative Government.—3 s.h.
ASSOCIATE PROFESSOR COLE

328. Seminar in International Law.—3 s.h. PROFESSOR WILSON
[Not offered in 1937-38]

RELATED COURSES IN OTHER DEPARTMENTS

Economics 216. Economic Functions of the State.—3 s.h.
PROFESSOR HOOVER

Economics 235. Public Finance.—3 s.h. ASSISTANT PROFESSOR RATCHFORD

Economics 265. International Trade and Tariff Policies.—3 s.h.
PROFESSOR SPENGLER

History 215-216. History of the Foreign Relations of the United States.—
6 s.h. ASSOCIATE PROFESSOR CLYDE

History 217-218. Europe since 1870.—6 s.h. PROFESSOR CARROLL

Philosophy 208. Political Philosophy.—3 s.h.
ASSOCIATE PROFESSOR MORGAN

Readings in Jurisprudence.—Offered in the School of Law.
PROFESSOR FULLER

Roman Law.—Offered in the School of Law. PROFESSOR FULLER

PSYCHOLOGY

PROFESSOR MCDUGALL, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES;
PROFESSORS LUNDHOLM, RHINE, AND STERN; ASSOCIATE PROFESSOR
ZENER; ASSISTANT PROFESSOR ADAMS;* DR. MCCULLOCH

FOR SENIORS AND GRADUATES

201. Social Psychology.—2 s.h. PROFESSOR MCDUGALL

202. Psychology of Aesthetics.—3 s.h. PROFESSOR LUNDHOLM

205. General Psychology.—Selected Problems.—2 s.h. PROFESSOR STERN

207. Experimental Psychology.—3 s.h. ASSOCIATE PROFESSOR ZENER

209. Advanced Laboratory Methods in Psychology, with Lectures.—4 s.h.
ASSOCIATE PROFESSOR ZENER

211. Neurological Foundations of Behavior: A Comparative Study of the
Structure and Function of the Nervous System in Relation to Behavior.—
4 s.h. ASSOCIATE PROFESSOR ZENER

216. Seminar in Comparative Psychology.—2 or 3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH

217. Gestalt Theory.—3 s.h. ASSISTANT PROFESSOR ADAMS
[Not offered in 1937-38]

219. History of Psychology.—2 s.h. PROFESSOR MCDUGALL
[Not offered in 1937-38]

222. Philosophical and Psychological Problems of Critical Personalism.—
2 s.h. PROFESSOR STERN

223. Abnormal Psychology.—3 s.h. PROFESSOR LUNDHOLM

224. Laboratory Methods in Animal Psychology.—3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR ADAMS

225. Child Psychology.—2 s.h. PROFESSOR STERN

226. Contemporary Schools of Psychology.—3 s.h.
[Not offered in 1937-38] ASSOCIATE PROFESSOR ZENER

228. Psychology of Belief.—2 s.h. PROFESSOR LUNDHOLM

* On leave, 1937-1938.

FOR GRADUATES

302. Seminar in Abnormal Psychology.—2 or 3 s.h.
[Not offered in 1937-38] PROFESSOR LUNDHOLM
- 303-304. Research.—2 or 3 s.h.
PROFESSORS LUNDHOLM, McDougall, Rhine, and Stern; Associate
Professor Zener; Assistant Professor Adams; Dr. McCulloch
305. Seminar.—2 or 3 s.h. PROFESSOR McDougall
306. Seminar in Child Psychology.—2 or 3 s.h.
[Not offered in 1937-38] ASSISTANT PROFESSOR ADAMS
307. Seminar on Psychology of Personality.—3 s.h. PROFESSOR RHINE
308. Seminar in Child Psychology.
[Not offered in 1937-38] PROFESSOR STERN
309. Theory of Learning.—3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH
310. Introduction to and Critical Survey of Parapsychology (Psychical
Research).—1 s.h. PROFESSOR RHINE
311. Seminar.—Readings in German for Philosophers and Psychologists.—
2 s.h. PROFESSOR STERN
315. Child Psychology.—3 s.h.
ASSISTANT PROFESSOR ADAMS AND DR. MCCULLOCH

RELATED COURSES IN OTHER DEPARTMENTS

EDUCATION

209. Statistical Methods Applied to Education.—3 s.h.
ASSISTANT PROFESSOR EASLEY
218. Educational Implications of Genetic Psychology.—3 s.h. (E)
PROFESSOR BROWNELL
227. The Psychology of Learning: Problems.—3 s.h.
ASSISTANT PROFESSOR EASLEY
228. The Psychology of Learning: Theoretical and Experimental.—3 s.h.
ASSISTANT PROFESSOR EASLEY
- 307-308. Seminar in Educational Psychology.—2 s.h. (E)
PROFESSOR BROWNELL AND ASSISTANT PROFESSOR EASLEY

PHILOSOPHY

- 201-202. The Philosophy of Art.—6 s.h. PROFESSOR GILBERT
203. The Philosophy of Conduct.—3 s.h. ASSOCIATE PROFESSOR MORGAN

SOCIOLOGY

217. General Anthropology.—3 s.h. PROFESSOR ELLWOOD
218. Cultural Anthropology.—3 s.h. PROFESSOR ELLWOOD

BOTANY

202. Genetics.—4 s.h. DR. PERRY

ZOOLOGY

301. **Animal Behavior.**—2 s.h. PROFESSOR PEARSE
321. **General Physiology.**—4 s.h. PROFESSOR HALL
341. **Historical and Philosophical Zoology.**—2 s.h. PROFESSOR HARGITT

RELIGION

Graduate work in the field of religion is available in the following departments: Old Testament, New Testament, Christian Doctrine, Church History, Religious Education, Psychology of Religion, History of Religion, Philosophy, and Sociology. Students interested in graduate work in these fields are referred to the bulletin of the School of Religion of Duke University. All the courses listed there, except those of a professional character, may be offered for credit toward the degrees of the Graduate School. A number of these courses will be found listed in this bulletin also under the headings of related departments.

It is possible to secure work leading to the degree of Doctor of Philosophy in a number of these fields. For this degree the departmental groupings of courses are ignored and a program of work is planned for each candidate in which the total resources of the Graduate School will be utilized in so far as they relate to the student's needs and special subject of investigation.

ROMANCE LANGUAGES

PROFESSOR WEBB, CHAIRMAN; PROFESSOR JORDAN, DIRECTOR OF GRADUATE STUDIES;
PROFESSOR COWPER; ASSOCIATE PROFESSORS LUNDEBERG AND WALTON

FRENCH

FOR SENIORS AND GRADUATES

- 215-216. **The Modern French Novel.**—Prerequisite: 6 s.h. from courses 87-88 and 108 to 114, inclusive. 6 s.h. PROFESSOR JORDAN
217. **French Phonetics.**—Prerequisite: 3 s.h. from course 107 or 127-128. 3 s.h. PROFESSOR WEBB
218. **Materials and Methods.**—Prerequisite: course 107 or equivalent. 3 s.h. PROFESSOR WEBB
219. **Old French.**—3 s.h. PROFESSOR COWPER
220. **Old French.**—3 s.h. PROFESSOR COWPER
227. **French Poetry since Théophile Gautier.**—Old number 336. 3 s.h. ASSISTANT PROFESSOR WALTON
232. **Rousseau and the Beginnings of Romanticism.**—Old number 231. 3 s.h. PROFESSOR COWPER
[Not offered in 1937-38]

FOR GRADUATES

317. **History of the French Language.**—Old number 332. 3 s.h.
[Not offered in 1937-38] PROFESSOR COWPER
- 323-324. **Realism and Naturalism.**—6 s.h. PROFESSOR JORDAN
[Not offered in 1937-38]

325-326. French Literature in the Sixteenth Century.—6 s.h.

ASSOCIATE PROFESSOR WALTON

328. Anatole France.—3 s.h.

[Not offered in 1937-38]

ASSOCIATE PROFESSOR WALTON

329. History of French Civilization.—3 s.h.

[Not offered in 1937-38]

PROFESSOR WEBB

330. Victor Hugo.—3 s.h.

[Not offered in 1937-38]

PROFESSOR WEBB

331. Diderot and the Encyclopédie.—3 s.h.

[Not offered in 1937-38]

PROFESSOR COWPER

333-334. French Literature, 1890-1914.—6 s.h.

PROFESSOR JORDAN

SPANISH

FOR SENIORS AND GRADUATES

261-262. The Modern Spanish Novel.—6 s.h.

[Not offered in 1937-38]

ASSOCIATE PROFESSOR LUNDEBERG

265. Golden Age Literature: Cervantes.—3 s.h.

ASSOCIATE PROFESSOR LUNDEBERG

266. Golden Age Literature: The Don Juan Theme.—3 s.h.

ASSOCIATE PROFESSOR LUNDEBERG

SOCIOLOGY

PROFESSOR ELLWOOD, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES; PROFESSOR JENSEN; ASSISTANT PROFESSOR THOMPSON

FOR SENIORS AND GRADUATES

205. Social Pathology.—Prerequisite: course 91-92 or 101. 3 s.h.

PROFESSOR JENSEN

206. Criminology.—Prerequisite: course 91-92 or 101. 3 s.h.

PROFESSOR JENSEN

212. Child Welfare.—Prerequisite: course 91-92 or 101. 3 s.h.

[Not offered in 1937-38]

PROFESSOR JENSEN

213. Constructive Social Policies.—Prerequisite: course 91-92 or 101. 2 s.h.

[Not offered in 1937-38]

PROFESSOR JENSEN

217. General Anthropology.—3 s.h.

PROFESSOR ELLWOOD

218. Cultural Anthropology.—3 s.h.

PROFESSOR ELLWOOD

219. Urban Sociology.—Prerequisite: course 91-92 or 101. 3 s.h.

ASSISTANT PROFESSOR THOMPSON

220. Rural Sociology.—Prerequisite: course 91-92 or 101. 3 s.h.

ASSISTANT PROFESSOR THOMPSON

227. **Emigration and Immigration.**—Prerequisite: course 91-92 or 101.
3 s.h. PROFESSOR JENSEN
[Not offered in 1937-38]

232. **The American Indian.**—3 s.h.
[Not offered in 1937-38]

242. **Marriage and the Family.**—Prerequisite for undergraduate credit:
Sociology 91-92 or 101. 2 s.h. PROFESSOR GROVES (U. N. C.)

FOR GRADUATES

319. **Principles of Sociology.**—3 s.h. PROFESSOR ELLWOOD
320. **History of Social Philosophy.**—3 s.h. PROFESSOR ELLWOOD
322. **Methods of Social Research.**—3 s.h. PROFESSOR JENSEN
330. **Seminar.**—2 s.h. PROFESSORS ELLWOOD AND JENSEN AND
ASSISTANT PROFESSOR THOMPSON
340. **Seminar.**—3 s.h. ASSISTANT PROFESSOR THOMPSON

ZOOLOGY

PROFESSOR PEARSE, CHAIRMAN; PROFESSOR HARGITT, DIRECTOR OF GRADUATE
STUDIES; PROFESSORS CUNNINGHAM AND HALL; ASSOCIATE
PROFESSOR GRAY

FOR SENIORS AND GRADUATES

- 219-220. **Special Problems.**—(Not more than 4 hours credit may be ob-
tained in one semester.) STAFF

222. **Entomology.**—Prerequisite: one year of zoology. 4 s.h.
ASSOCIATE PROFESSOR GRAY

229. **Endocrinology.**—Prerequisites: Zoology 53, 92. 3 or 4 s.h.
PROFESSOR CUNNINGHAM

FOR GRADUATES

301. **Animal Behavior.**—Offered in alternate years. 2 s.h.
PROFESSOR PEARSE
303. **Ecology.**—Offered in alternate years. 2 s.h.
[Not offered in 1937-38] PROFESSOR PEARSE
304. **Advanced Parasitology.**—Offered in alternate years. Prerequisite:
Zoology 161. 2 or more s.h. PROFESSOR PEARSE
[Not offered in 1937-38]
306. **Advanced Ecology.**—Prerequisite: Zoology 303. Offered in alternate
years. 4 s.h. PROFESSOR PEARSE
[Not offered in 1937-38]
321. **General Physiology.**—4 s.h. PROFESSOR HALL
324. **Advanced Physiology.**—Prerequisite: Zoology 151 or 321. 4 s.h.
PROFESSOR HALL
327. **Experimental Embryology.**—Offered in alternate years. Prereq-
uisites: Zoology 92, 151. 3 s.h. (Formerly 227.) PROFESSOR CUNNINGHAM

341. Historical and Philosophical Zoology.—Offered in alternate years.
2 s.h. PROFESSOR HARGITT

[Not offered in 1937-38]

343. Cytology.—Prerequisites: Zoology 53, 92, 156 or equivalents. Offered
in alternate years. 4 s.h. PROFESSOR HARGITT

351-352. Zoological Journal Club.—Required of all graduate students who
major in zoology. 2 s.h. STAFF

353-354. Research.—Hours and credits to be arranged.

(a) Embryology and Endocrinology. PROFESSOR CUNNINGHAM

(b) Comparative and General Physiology. PROFESSOR HALL

(c) Histology and Cytology. PROFESSOR HARGITT

(e) Ecology, Parasitology, and Behavior. PROFESSOR PEARSE

(f) Comparative Anatomy and Entomology. ASSOCIATE PROFESSOR GRAY

355-356. Seminar.—Hours and credits to be arranged.

(a) Embryology and Endocrinology. PROFESSOR CUNNINGHAM

*(b) Comparative and General Physiology. PROFESSOR HALL

(c) Histology and Cytology. PROFESSOR HARGITT

*(e) Ecology, Parasitology, and Behavior. PROFESSOR PEARSE

*(f) Comparative Anatomy and Entomology. ASSOCIATE PROFESSOR GRAY

*[Not offered in 1937-38]

RELATED COURSES IN OTHER DEPARTMENTS

Courses such as the following should be considered as available for stu-
dents in zoology.

Botany 202. Genetics.—4 s.h. DR. PERRY

Botany 221. Structure and Classification of Fungi.—4 s.h.
[Not offered in 1937-38] PROFESSOR WOLF

Botany 252. Advanced Plant Physiology.—4 s.h.
ASSISTANT PROFESSOR KRAMER

Botany 256. Field Ecology.—4 s.h. ASSISTANT PROFESSOR OOSTING

Botany 341. Methods in Plant Physiology.—4 s.h.
ASSISTANT PROFESSOR KRAMER

Botany 342. Plant Microchemistry.—2 s.h. ASSISTANT PROFESSOR ADDOMS

Chemistry 260. Colloid Chemistry.—3 s.h.
PROFESSOR VOSBURGH, ASSISTANT PROFESSOR SAYLOR

Chemistry 261-262. Physical and Electro Chemistry.—6 s.h.
PROFESSOR GROSS AND ASSISTANT PROFESSOR SAYLOR

Physics 103. Electricity and Magnetism.—3 s.h.
ASSISTANT PROFESSOR CONSTANT

Physics 104. Electrical Measurements.—3 s.h. PROFESSOR NIELSEN

Physics 205-206. Physical Optics.—6 s.h. PROFESSOR HATLEY

Psychology 224. Laboratory Methods in Animal Psychology.—3 s.h.
ASSISTANT PROFESSOR ADAMS

M221. Bacteriology and Immunology.—4 s.h. DR. D. T. SMITH AND STAFF

M323. Advanced Bacteriology and Immunology.—8 s.h.

DR. D. T. SMITH AND STAFF

M241. General Biochemistry.—6 s.h.

DR. PERLZWEIG, DR. TAYLOR, AND STAFF

M263. Physiology of Digestion, Metabolism, and Nutrition.—2 s.h.

DRS. W. J. DANN, EADIE, AND F. M. BERNHEIM

COURSES IN THE MEDICAL SCHOOL OPEN TO GRADUATE STUDENTS

PROFESSORS EADIE, PERLZWEIG, D. T. SMITH, SWETT; ASSOCIATE PROFESSORS F. M. BERNHEIM, HETHERINGTON, AND MCCREA; ASSISTANT PROFESSORS M. L. C. BERNHEIM, DANN, AND TAYLOR; DRS. CONANT, EVERETT, HOLLINSHEAD, AND YATES

ANATOMY

M201. Gross Human Anatomy.—Hours and credits (maximum 8 s.h.) by arrangement. Prerequisites: Zoology 41 and 191 or the equivalent.

DR. SWETT AND STAFF

M202. Microscopic Anatomy.—Hours and credits (maximum 2 s.h.) by arrangement. Prerequisite: Zoology 42 (General Histology) or its equivalent.

DR. HETHERINGTON AND STAFF

M203. Anatomy of the Nervous System.—Hours and credits (maximum 4 s.h.) by arrangement. Prerequisite: Anatomy M201. DR. HETHERINGTON

M204. Human Embryology.—Laboratory work, hours and credits (maximum 2 s.h.) by arrangement. Limited to eight students. Prerequisites: Zoology 41 and 191.

DR. SWETT AND STAFF

M205. Regional Anatomy.—Hours and credits (maximum 3 s.h.) by arrangement. Prerequisites: Anatomy M201 and M202.

DR. SWETT AND STAFF

BACTERIOLOGY AND IMMUNOLOGY

M221. Bacteriology and Immunology.—Prerequisites: courses in general zoology, general botany, histology and comparative anatomy, general and organic chemistry. 4 s.h.

DR. D. T. SMITH AND STAFF

M323. Advanced Bacteriology and Immunology.—8 s.h.

DR. D. T. SMITH AND STAFF

BIOCHEMISTRY

M241. General Biochemistry.—Prerequisites: general chemistry, organic chemistry, elementary physical and analytical chemistry and at least one year of college biology. 6 s.h.

DR. PERLZWEIG, DR. TAYLOR, AND STAFF

M242. Biochemical Preparations.—Prerequisite: Biochemistry M241. 2 s.h.

DR. TAYLOR AND STAFF

M341. Pathological Chemistry.—Prerequisites: Biochemistry M241 and Physiology M251-2.

DRS. PERLZWEIG, TAYLOR, AND M. L. C. BERNHEIM

PHYSIOLOGY AND PHARMACOLOGY

M261-2. Human Physiology and Pharmacology.—Prerequisites: Anatomy M201 and Biochemistry M241 (or equivalents) and at least one year of college physics. Credits depending on work taken. (Maximum 8 s.h.)

DR. EADIE AND STAFF

M263. Physiology of Digestion, Metabolism, and Nutrition.—Prerequisite: Biochemistry M241. 2 s.h.

DRS. W. J. DANN, EADIE, AND F. M. BERNHEIM

M361. Advanced Physiology.—Prerequisites: Physiology M261 and M262. 1 s.h.

DR. EADIE AND STAFF

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester, and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES IN THE ACADEMIC YEAR

Matriculation, per semester.....	\$ 25.00
Tuitions, per semester.....	100.00
Room-rent—See the detailed statement that follows.	
Athletic fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
Damage fee, payable annually at the time of first registration.....	1.00
Medical fee, per semester.....	5.00
Library fee, per semester.....	5.00
Commencement fee, payable once by graduate students in the last semester before a degree is conferred.....	3.00
Diploma fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00
For further information concerning room-rent, see below.	

SPECIAL FEES

Graduate students in the sciences are required to pay the special laboratory fees for courses as fixed by the various departments. An administrative fee is charged in connection with special research work in the summer under direction of a member of the Faculty.

STUDENTS FROM THE UNIVERSITY OF NORTH CAROLINA GRADUATE SCHOOL

Regular students from the University of North Carolina Graduate School admitted to courses in the Duke University Graduate School pay a registration fee of \$2.00 and any laboratory or special course fees which are required of all students.

PAYMENTS TO FELLOWS AND SCHOLARS

Payments by the University of stipends to fellows and scholars are made in four installments, on November 25, January 25, March 25, and May 25.

ROOMS AND CONDITIONS OF RENTING THEM**ROOM-RENT FOR MEN OF DUKE UNIVERSITY**

West Campus, per semester.....	\$50.00, \$62.50, and \$75.00
East Campus, per semester.....	\$30.00 and \$50.00

All graduate courses are given on the West Campus.

ROOM-RENT IN WOMAN'S COLLEGE

Single room, Aycock House, per semester, per student.....	\$75.00
Double room, Aycock House, per semester, per student.....	50.00

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a graduate student are moderate, the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum cost, while all charges made by the University have been kept low. Incidental expenses naturally depend upon the tastes and habits of the individual.

THE SCHOOL OF LAW

1936-1937

ANNOUNCEMENTS FOR 1937-1938

MEMBER OF THE ASSOCIATION OF AMERICAN LAW SCHOOLS

APPROVED BY THE AMERICAN BAR ASSOCIATION

UNIVERSITY CALENDAR

1937

- Sept. 22. Wednesday—Registration of Law Students.
Sept. 23. Thursday—Commencement of Instruction.
Nov. 11. Thursday—Armistice Day.
Nov. 25. Thursday—Thanksgiving Day: a holiday.
Dec. 11. Saturday—Duke University Day.
Dec. 18. Saturday—1:00 P.M. Christmas recess begins.

1938

- Jan. 3. Monday—8:00 A.M. Instruction is resumed.
Jan. 20. Thursday—Mid-year examinations begin.
Jan. 31. Monday—Last day for matriculation for second semester.
Feb. 1. Tuesday—Second semester begins.
Feb. 22. Tuesday—Washington's Birthday.
March 30. Wednesday—1:00 P.M. Spring vacation begins.
April 6. Wednesday—8:00 A.M. Instruction is resumed.
May 23. Monday—Final examinations begin.
June 4. Saturday—Commencement opens; Faculty breakfast for Law Seniors.
June 5. Sunday—President's Address to Graduating Class.
June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

OFFICERS OF ADMINISTRATION

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D.
President

ROBERT LEE FLOWERS, A.M., LL.D.
*Vice-President in the Business Division,
Secretary and Treasurer*

WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D.
*Vice-President in the Educational Division
and Dean of the University*

FRANK CLYDE BROWN, A.B., A.M., Ph.D.
Comptroller

H. CLAUDE HORACK, Ph.B., LL.B.
Dean of the School of Law

HELEN MILDRED KENDALL, A.B.
Registrar of the School of Law

FACULTY COMMITTEES

Committee on Curriculum: H. C. Horack, Chairman, Bryan Bolich, John S. Bradway, Douglas B. Maggs, Malcolm McDermott, Kenneth Rush.

Committee on Graduate Study: Lon L. Fuller, Chairman, Bryan Bolich, H. C. Horack, Douglas B. Maggs, Douglass Poteat.

Committee on Rules: Charles L. B. Lowndes, Chairman, Bryan Bolich, David F. Cavers, Paul Sanders.

Committee on Scholarship: Malcolm McDermott, Chairman, Lon L. Fuller, Douglass Poteat.

Committee on Emergency Aids and Loans to Law Students: John S. Bradway, Chairman, T. D. Bryson, Mary S. Covington, Lon L. Fuller, Kenneth Rush.

LAW SCHOOL COMMITTEE OF THE BOARD OF TRUSTEES

Willis Smith, Raleigh, North Carolina.

James A. Bell, Charlotte, North Carolina.

B. S. Womble, Winston-Salem, North Carolina.

J. P. Frizzelle, Snow Hill, N. C.

ORGANIZATION, EQUIPMENT, AND SPECIAL ACTIVITIES

HISTORY AND ORGANIZATION

Legal instruction in Trinity College dates from 1850, but it was not until 1868 that professional training in law was offered. The two chairs in the Department of Law were those of National and Constitutional Law, and Common and Statute Law. President Braxton Craven occupied the former from 1868 until his death in 1882. Outstanding members of the bench and bar were specially engaged, in given years, to lecture on particular subjects. Complete instruction was given "by daily lectures and regular examinations," and students were "fully prepared to obtain license."

In 1882 the Department of Law was discontinued. In 1891 instruction in law was resumed, with the appointment of Honorable A. C. Avery, Associate Justice of the Supreme Court of North Carolina, as dean of the Law School, and continued until 1894.

The School of Law of Trinity College was founded in the summer of 1904 upon an endowment established by James B. Duke and Benjamin N. Duke. Samuel Fox Mordecai organized the School and was its dean until his death in 1927. Its establishment set a new standard in Southern legal education in that it was the first school to require college work as preliminary to law study. It required the completion of two years of college work as prerequisite to entrance, the case method was used as the basis of instruction, and the completion of three years of resident study was required for a law degree.

In 1924 the School of Law of Trinity College became the Duke University School of Law pursuant to the establishment of the Duke Endowment. In 1930 the School was moved into its new building, the Faculty and Library were greatly increased, and the activities of the School broadened. In 1931 the entrance requirement was raised from two to the present requirement of three years of college work. The School of Law is a member of the Association of American Law Schools and is on the "Approved List" of the American Bar Association.

PURPOSES AND METHOD OF INSTRUCTION

The School of Law offers such courses in its curriculum as will provide an adequate preparation for the practice of law in any state. Through facilities for study and research, training is afforded for those desiring to specialize in particular branches of the law. In addition, several courses are offered for the benefit of students intending to practice in North Carolina.

To provide scope for creative work by the student, seminar courses and the courses in Current Decisions are offered. To achieve balance between intellectual discipline and that practical training which the young lawyer is otherwise left to obtain at the expense of his clients, courses are offered in Research and Briefing and Practice Court, and the third-year class participates in the work of the Legal Aid Clinic, described below.

THE LAW SCHOOL BUILDING

The Law Building, like all other structures on the main campus of Duke University, is in Tudor Gothic style of colorful Cambrian stone from the Duke University quarries. It was occupied by the School of Law for the first time in September, 1930. In it are classrooms, seminar rooms, offices for Faculty and Staff, quarters for the Legal Aid Clinic and for the Duke Bar Association, a courtroom equipped for trial court and appellate court sessions, and the Law Library.

THE LAW LIBRARY

The Law Library contains a collection of almost sixty thousand volumes and is the largest law school library in the South. It consists of American and English statutory and case law; a collection of Continental Law materials; treatises, digests, encyclopedias; the various selected case series; a comprehensive collection of legal periodicals; and publications in the fields of history, economics, government, and the other social sciences, supplemental to the strictly legal materials. The Library subscribes to every current legal periodical of general interest printed in the English language.

THE LEGAL AID CLINIC

A Legal Aid Clinic was organized at the School of Law in 1931 under the direction of Professor John S. Bradway, Secretary of the National Association of Legal Aid Organizations, who had directed similar undertakings in Philadelphia and Los Angeles. The purpose of the Clinic is twofold: to provide legal assistance for indigent persons, and to acquaint the student, by direct contact under Faculty supervision, with certain of the problems of "law in action" which may escape emphasis in the study of "law in books."

THE PRACTICE COURSE

The practice course in the School of Law is under the direction of Judge T. D. Bryson, for eight years Judge of the Superior Court from the Twentieth Judicial District of North Carolina. The object of the course is to offer third-year students an opportunity to visualize by actual experience the application of the principles of law imparted in other courses.

LEGAL PERIODICALS

The School of Law publishes a quarterly, *Law and Contemporary Problems*, under the editorship of Professor Cavers. This periodical, now in its fourth volume, presents in each issue a symposium on a problem of current legal importance, in which the interrelated social and economic, as well as legal, factors are discussed by writers of competence in these respective fields. Where student research may contribute to the understanding of the legal aspects of such problems, student writings are accepted for publication. The topics discussed in the first three volumes of *Law and Contemporary Problems* include food and drug control, low-cost housing, agricultural readjustment in the South, federal criminal laws, industrial and group-life insurance, instalment selling, migratory divorce, expert testimony, social security legislation, real property tax collection, and the compensation of the motor accident victim.

Law and Contemporary Problems has met with an encouraging response in its first three years. The continuing, nation-wide demand for its issues has already necessitated second printings of five issues and a third printing of one. In addition to lawyers and law libraries, it counts many interested laymen and public and general university libraries among its subscribers. Issues have been frequently and favorably reviewed, and articles reprinted in other journals. It has been used as a source of material for university classroom study. The Social Security Board has ordered over fifteen hundred copies of the social security and industrial life insurance issues for use by its staff and in its personnel training courses.

The Duke Bar Association has published since 1933 the *Duke Bar Association Journal* in which appear reports of addresses made before the Association by distinguished guests, proceedings of the Association at its regular meetings, and items of interest concerning the School. To afford a medium for the publication of the student notes and comments on recent important decisions prepared in the Current Decisions course without necessitating the inclusion in the quarterly of the department of student work usual in "law reviews," the *Journal* publishes such notes and comments as are deemed by the editors to be of special merit. Professor Cavers serves as adviser to the student editorial board of the *Journal*.

THE DUKE BAR ASSOCIATION

The Duke Bar Association was established in the spring of 1931. It is composed of all the students of the Law School and is organized along the lines of the American Bar Association. Its purpose is to introduce the student to the problems considered by the bar in professional organizations and to develop professional consciousness and responsibility. It publishes the *Duke Bar Association Journal*, described in the preceding section. Its activities are carried on by the students with the co-operation of Dean H. C. Horack of the Law Faculty as general adviser.

GENERAL INFORMATION

MATRICULATION, REGISTRATION, AND ENROLLMENT

On the day of registration, September 22, 1937, the applicant must obtain from the Dean of the Law School an admission card, indicating that he is entitled to register. Registration is conducted in the Law Building. All students, both old and new, are required to register at the beginning of each semester, at which time class schedule and course cards must be filled out and approved. Students matriculating in either semester at a date later than that prescribed in this catalogue shall pay to the Treasurer a penalty of \$5.00 for late registration. Instruction will begin for all classes on Thursday, September 23, 1937.

FEES AND EXPENSES

Tuition and registration fees are due at the beginning of each semester. The matriculation fee is \$25.00 a semester. The tuition fee is \$100.00 a semester. A damage fee of \$1.00 is collected at the beginning of the first semester only, an athletic fee of \$5.00 at the beginning of each semester, a library fee of \$5.00 each semester, and a medical fee of \$5.00 each semester.

SCHOLARSHIPS AND STUDENT AIDS

A limited number of scholarships covering tuition and matriculation fees (\$250) are available to first-year students, graduates of approved American universities and colleges, who are in need of such assistance. Applicants must have made excellent records in their college work and must show unusual promise of success in the study of law.

These scholarships are awarded on a competitive basis. Applications therefore should be presented before May 1 to the Dean of the Law School, together with a transcript of college work and letters of recommendation from responsible persons, certifying to the character and fitness of the applicant.

AWARDS

Willis Smith Prize. Mr. Willis Smith, a member of the Raleigh bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of law school work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose. The winner of the prize for 1932 was Jeter S. Ray, Newport, Tenn.; for 1933, William B. McGuire, Jr., Franklin, N. C.; for 1934, Robert Gilpin Seaks, Harrisburg, Pa.; for 1935, Erle Pettus, Jr., Birmingham, Ala.; and for 1936, Edward Rubin, Los Angeles, Calif.

ORDER OF THE COIF

A chapter of the Order of the Coif, national legal scholarship society, has been established at Duke University School of Law. Its purpose is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." Election is restricted to the 10 per cent of the Senior Class who have attained the highest rank in their law school work. Those receiving this honor in the graduating class of 1936 were Horace Bomar, Jr., Spartanburg, S. C.; Harry Goldstein, Providence, R. I.; and Edward Rubin, Los Angeles, Calif.

ADMISSION OF STUDENTS

REQUIREMENTS FOR ADMISSION

Any person may be admitted as a candidate for the degree of Bachelor of Laws (1) who is a graduate of a college of approved standing, or (2) who has completed in a college of approved standing work equivalent in number of units to three-fourths of that required for graduation and whose college work in its entirety shows an average grade equal to that required for graduation (the requirement in each case being determined by the regulations of the college where the work was taken).

COMBINED COURSE

Arrangements have been made with some colleges for students, who have completed therein three years of undergraduate work, to enter the Law School of Duke University and upon the satisfactory completion of the first year of law school work to receive their Bachelor of Arts degrees from such colleges. It is suggested that students, desiring to enter Duke University School of Law, make inquiry of the proper college authorities regarding this point.

A student in either of the Liberal Arts Colleges of Duke University may complete in six years a combined course wherein he will have received his academic degree and also the degree of Bachelor of Laws. This arrangement is made possible under the following recommendations of the Faculty of the Arts Colleges:

Students who have completed with not less than a "C" average at least ninety-six semester-hours of undergraduate work in the pre-legal group of studies in Duke University may on the approval of the Dean of the Undergraduate College transfer to this Law School and become eligible for the Bachelor's degree on the satisfactory completion of the full twenty-six semester-hours of work of the first-year class in this School.

It is understood that this provision shall apply solely to eligible Duke University undergraduates, and that not less than the full first-year's work of the Law School will be acceptable for credit towards the Bachelor's degree.

It should be noted that while the Combined Course plan of securing two degrees is restricted to those who have taken the "pre-legal course," general admission to the Law School is not so restricted.

ADMISSION TO ADVANCED STANDING

Any person, who has complied with the requirements for admission set forth in this announcement, prior to the commencement of his law study, who shall present evidence of the satisfactory completion of any part of the curriculum of the Law School at any law school which is a member of the Association of American Law Schools, and who is eligible

for readmission to the law school from which he proposes to transfer, may be admitted to advanced standing, subject to such rules as would be applicable to students in this School having a comparable scholastic record. Provisional credit for courses so completed shall be given, final credit for such work to be conditioned on the completion of at least one full year of law study in this School with an average of at least five points above the passing grade. Adjustment of credit for work done in such other law schools may be by vote of the Faculty.

CANDIDATES FOR GRADUATE DEGREES

Applications for admission to graduate study should be addressed to the Dean of the Law School and should include transcripts of records of legal and pre-legal work.

REQUIREMENTS FOR BACHELOR OF LAWS DEGREE—STUDENT PROGRAMS

BACHELOR OF LAWS DEGREE

Upon favorable recommendation of the Faculty, the degree of Bachelor of Laws will be conferred on students who shall have successfully completed three years' study of law, the last full year of work immediately preceding the granting of such degree having been completed, except under extraordinary circumstances, in this School.

A student shall be deemed to have completed successfully three years' study of law if during this period he has

(1) secured a passing grade in courses aggregating the number of semester-hours in the first-year program of study plus forty-eight semester-hours;

(2) secured in every required course a grade not requiring repetition thereof; and

(3) secured an average grade at least five points above passing in all work taken other than first-year courses, or, if such grade is lower than that above specified, an average grade of five points above passing in all work taken.

Students who shall have spent only their third year of study in residence in this School must have received an average grade at least five points above passing for that year.

THE FIRST-YEAR PROGRAM

All of the first-year courses are required for graduation, and no second- or third-year courses may be elected until the student has secured grades not requiring repetition of any first-year courses or has made provision for the completion thereof.

The following courses comprise the work of the first year:

<i>Subject</i>	<i>Hours per semester</i>	
Contracts and Quasi-Contracts	4	3
Criminal Law and its Administration	2	2
Torts	3	3
Introduction to Procedure	2	
Legal Bibliography	1½	
Orientation	½	
Chattel Transactions		3
Possessory Estates		2
	13	13

SECOND- AND THIRD-YEAR PROGRAMS

The course in Research and Briefing is required of those second-year students who have not been selected to take the course in Current Decisions I. The course in Legal Aid Clinic is required of those third-year students who have not been selected to take the course in Current Decision II. The course in Legal Ethics is required of all third-year students.

With the exceptions noted above, all courses offered for the second and third years are elective. For the guidance of second-year students in 1937-38, the Faculty recommends the inclusion of the following courses in their programs of study:

<i>Subject</i>	<i>Hours per semester</i>	
Constitutional Law	3	2
Equity	2	2
Pleading (Prerequisite to Practice)	2	1
Research and Briefing	1	1
Trusts	2	2
Bills and Notes	2	
Land Transactions	3	
Business Associations I		3
Credit Transactions		4
	15	15

For the student who wishes to take in his second year courses other than those listed above, the following are suggested as suitable for study in the second year:

<i>Subject</i>	<i>Hours per semester</i>	
Criminal Procedure	2	
Family Law	2	
Landlord and Tenant	2	
Municipal Corporations	2	
Public Utilities	3	
Agency		2
Future Interests		3
Wills and Administration of Estates		3

It should be distinctly understood that the courses in this second list are not suggested as either more or less suitable for study in the third year than those not included therein. In the selection of courses in addition to or in substitution for, those recommended above, the student should consult the course groupings appearing at another place in this bulletin, so that he may choose those courses which will contribute most directly to his work in the field of study to which he wishes to devote his major efforts in the third year. The student intending to enter the general practice of law is cautioned, however, not to sacrifice, through undue concentration, the acquisition of a broad foundation for his subsequent activities.

The courses offered which are not included in the above lists comprise:

<i>Subject</i>	<i>Hours-per semester</i>	
Evidence	2	2
Practice	2	2
Taxation	2	2
Business Associations II	3	
Damages	2	
Debtors' Estates	3	
Federal Jurisdiction and Procedure	2	
Legal History	3	
Legislation	2	
Administrative Law		2
Conflict of Laws		3
Family Law Seminar		2
Insurance		2
Labor Law		2
Legislation Seminar		2
North Carolina Statutes		2
Readings in Jurisprudence		2
Regulation of Business		2
Roman Law		
Seminar in Legal History		

GRADUATE WORK IN LAW

GRADUATE DEGREES

The School of Law confers two graduate degrees, the degree of Master of Laws (LL.M.) and the degree of Doctor of Juridical Science (S.J.D.).

REQUIREMENTS FOR ADMISSION TO GRADUATE STUDY

Any person who shall have received the first degree in law from a law school qualified for membership in the Association of American Law Schools and whose college course and law course combined shall have occupied at least six years, may be admitted as a candidate for the degree of Master of Laws. In exceptional cases an applicant who does not meet all the above requirements may be admitted, on vote of the Faculty, to candidacy for this degree where he is able to demonstrate that he is specially qualified, as by reason of practice or teaching.

Any person holding the degree of Master of Laws from this or any other law school which is qualified for membership in the Association of American Law Schools may be admitted by the Faculty to candidacy for the degree of Doctor of Juridical Science provided he completed the work for the Master's degree with distinction.

THE DEGREE OF MASTER OF LAWS

Upon favorable recommendation of the Faculty, the degree of Master of Laws will be conferred on students who have successfully completed during a period of residence at this School totaling at least one year a course of study approved by the Committee on Graduate Study.

The courses of study leading to this degree are designed to provide for the needs of two classes of students: (1) graduates of approved law schools who desire a fourth year of study for the purpose of undertaking an intensive study of some specialty, or who desire to broaden their legal education through the study of such subjects as jurisprudence and legal history; (2) graduates of approved law schools who desire to teach law or engage in legal research and who intend to become candidates for the degree of Doctor of Juridical Science.

One year of resident study is required for the degree of Master of Laws. No thesis is required. The course of study is prescribed by the Committee on Graduate Study after consultation with the individual student. Opportunity will be afforded the student to include in his program such second- and third-year law courses, not already completed, as are desirable for the rounding out or supplementing of his previous training. In some cases courses in other departments of the University may be included. In the case of students whose interests lie in further preparation

for practice, the course will normally include registration in subjects totaling twelve hours each semester. In the case of students interested primarily in legal research, a lighter schedule, so far as enrollment in formal courses is concerned, may be arranged. In cases where less than twelve hours' work is prescribed for either semester, the Committee on Graduate Study may require that the student complete the work undertaken with a grade considerably higher than that required of candidates for the first degree in law.

THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE

Upon favorable recommendation of the Faculty, the degree of Doctor of Juridical Science will be conferred on students admitted to candidacy for that degree who complete and submit a monograph or series of essays suitable for publication and deemed by the Faculty to be of distinguished character. At least one academic year must elapse between the awarding of the Master's degree and the awarding of the degree of Doctor of Juridical Science. Students who have received the degree of Master of Laws from another law school must spend at least one year engaged in research at this School and may in addition be required to complete a course of study prescribed by the Committee on Graduate Study.

COURSES OFFERED

(This is a condensed description of courses. For a full description, see Bulletin of the School of Law.)

1. GENERAL COURSES

Orientation.—Nine lectures by members of the Faculty. One-half credit hour. First four weeks, first semester.

Torts.—Three hours a week throughout the year. PROFESSOR MAGGS

Equity.—Two hours a week throughout the year. PROFESSOR HORACK

Trusts.—Two hours a week throughout the year. PROFESSOR LOWNDES

Conflict of Laws.—Three hours a week, second semester.
PROFESSOR CAVERS

Damages.—Two hours a week, first semester. PROFESSOR FULLER

Family Law.—Two hours a week, first semester. PROFESSOR BRADWAY

Family Law Seminar.—Family Law is prerequisite. Two hours a week, second semester. PROFESSOR BRADWAY

North Carolina Statutes.—Two hours a week, second semester.
PROFESSOR BRYSON

Legal Bibliography.—One and one-half hours a week, first semester.
MR. ROALFE

Research and Briefing.—One hour throughout the year, in two sections.
ASSISTANT PROFESSOR RUSH

Current Decisions I.—One hour throughout the year.
PROFESSOR CAVERS AND THE STAFF

Current Decisions II.—One hour throughout the year.
PROFESSOR CAVERS AND THE STAFF

2. BUSINESS COURSES

Contracts and Quasi-Contracts.—Four hours a week, first semester; three hours a week, second semester. PROFESSOR L. L. FULLER

Chattel Transactions.—Three hours a week, second semester.
PROFESSOR POTEAT

Agency.—Two hours a week, second semester. PROFESSOR LOWNDES

Bills and Notes.—Two hours a week, first semester.
PROFESSOR LOWNDES

Business Associations I.—Three hours a week, second semester.

ASSISTANT PROFESSOR RUSH

Business Associations II—Finance.—Three hours a week, first semester.

ASSISTANT PROFESSOR RUSH

Credit Transactions.—Four hours a week, second semester.

PROFESSOR POTEAT

Debtors' Estates.—Three hours a week, first semester.

PROFESSOR POTEAT

Insurance.—Two hours a week, second semester.

PROFESSOR L. L. FULLER

Public Utilities.—Three hours a week, first semester.

ASSISTANT PROFESSOR RUSH

Regulation of Business.—Two hours a week, second semester.

ASSISTANT PROFESSOR RUSH

3. PROPERTY COURSES

Possessory Estates.—Two hours a week, second semester.

PROFESSOR BOLICH

Land Transactions.—Three hours a week, first semester.

PROFESSOR CAVERS

Landlord and Tenant.—Two hours a week, first semester.

PROFESSOR BOLICH

Future Interests.—Three hours a week, second semester.

PROFESSOR BOLICH

Wills and Administration of Estates.—Three hours a week, second semester.

PROFESSOR McDERMOTT

Trusts.—Two hours a week throughout the year.

PROFESSOR LOWNDES

4. PUBLIC LAW COURSES

Criminal Law and Its Administration.—Two hours a week throughout the year.

ASSISTANT PROFESSOR SANDERS

Criminal Procedure.—Two hours a week, first semester.

PROFESSOR BRYSON

Constitutional Law.—Three hours a week, first semester; two hours, second semester.

PROFESSOR MAGGS

Administrative Law.—Two hours a week, second semester.

PROFESSOR MAGGS

Labor Law.—Two hours a week, second semester.

ASSISTANT PROFESSOR SANDERS

Legislation.—Two hours a week, first semester.

PROFESSOR McDERMOTT

Legislation Seminar.—Two hours a week, second semester.

PROFESSOR McDERMOTT

Municipal Corporations.—Two hours a week, first semester.

PROFESSOR McDERMOTT

Public Utilities.—Three hours a week, first semester.

ASSISTANT PROFESSOR RUSH

Regulation of Business.—Two hours a week, second semester.

ASSISTANT PROFESSOR RUSH

Taxation.—Two hours a week throughout the year. PROFESSOR LOWNDES

5. JURISPRUDENCE COURSES

Readings in Jurisprudence.—Two credit hours. A one-hour discussion meeting will be held each week. Second semester. PROFESSOR L. L. FULLER

Legal History.—Three credit hours. First semester. PROFESSOR BOLICH

Seminar in Legal History.—Hours and credit to be arranged with the instructor upon approval of Committee. PROFESSOR BOLICH

Roman Law.—Hours and credit to be arranged.

6. PROCEDURE AND PRACTICE COURSES

Introduction to Procedure.—Two hours a week, first semester.

PROFESSOR BOLICH

Criminal Procedure.—Two hours a week, first semester.

PROFESSOR BRYSON

Federal Jurisdiction and Procedure.—Two hours a week, first semester.

PROFESSOR POTEAT

Legal Ethics.—One hour a week, first semester.

PROFESSOR BRADWAY

Legal Aid Clinic.—Required of all third-year students except those selected for Current Decisions II. Two hours a week throughout the year.

PROFESSOR BRADWAY

Pleading.—Two hours a week, first semester; one hour a week, second semester.

PROFESSOR BRYSON

Evidence.—Two hours a week throughout the year.

PROFESSOR McDERMOTT

Practice.—Two hours a week throughout the year.

PROFESSOR BRYSON

Student Editorial Work.—Credit for this work will be given in Current Decisions.

PROFESSOR CAVERS

Bar Association Activities.—Not for credit.

PROFESSOR HORACK

THE SCHOOL OF MEDICINE

1936-1937

ANNOUNCEMENTS FOR 1937-1938

SCHOOL OF MEDICINE CALENDAR, 1937-1938

1937

- Jan. 4. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Monday—Washington's Birthday: a holiday.
March 20. Saturday—Winter Quarter ends.
March 30. Tuesday—Registration of students, and Spring Quarter begins.
June 7. Monday—Commencement.
June 12. Saturday—Spring Quarter ends.
June 21. Monday—Registration of students, and Summer Quarter begins
(Junior-Senior students).
July 5. Monday—Independence Day: a holiday.
Sept. 4. Saturday—Summer Quarter ends.
Sept. 30. Thursday—Registration of students, and Autumn Quarter begins.
Nov. 25-29. Thursday-Monday—Thanksgiving Holidays.
Dec. 18. Saturday—Autumn Quarter ends.

1938

- Jan. 3. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Tuesday—Washington's Birthday.
March 19. Saturday—Winter Quarter ends.
March 28. Monday—Registration of students, and Spring Quarter begins.
June 6. Monday—Commencement.
June 11. Saturday—Spring Quarter ends.

OFFICERS OF ADMINISTRATION

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D.
President of the University

ROBERT LEE FLOWERS, A.M., LL.D.
Vice-President, Secretary, and Treasurer

WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D.
Vice-President

FRANK CLYDE BROWN, A.B., A.M., Ph.D.
Comptroller

CHARLES BLACKWELL MARKHAM, A.B., A.M.
Assistant Treasurer

WILBURT CORNELL DAVISON, A.B., B.A., B.Sc., M.A., D.Sc., M.D.
Dean of the School of Medicine

HELEN I. STOCKSDALE
Recorder of the School of Medicine

STAFF OF DUKE HOSPITAL

Administrative Committee

F. V. ALTVATER	W. C. DAVISON	ELSIE W. MARTIN
BESSIE BAKER	DERYL HART	F. R. PORTER
BAYARD CARTER	F. M. HANES	D. T. SMITH

Administrative and Technical Staff

FREDERICK VERNON ALTVATER, A.B., A.M., *Superintendent*.
F. ROSS PORTER, A.B., *Assistant Superintendent*.
HAROLD CHANDLER MICKEY, B.B.A., *Assistant Superintendent*.
BESSIE BAKER, R.N., B.S., *Dean of School of Nursing*.
ELSIE WILSON MARTIN, A.B., M.S., *Professor of Dietetics*.
JASPER EUGENE MORGAN, B.S., M.S., Ph.D., *Physicist*.
I. THOMAS REAMER, Ph.G., *Pharmacist*.
REBA NEW HOBGOOD, *Social Service*.
JUDITH FARRAR, A.B., B.S., *Librarian*.
MARY HOEN MULLER, R.N., *Anesthetist*.
ELON HENRY CLARK, *Artist*.
HENRY FLOYD PICKETT, A.B., *Photographer*.
CHRISTIAN ADOLPH LETZING, *Braces and Instruments*.

Hospital and Public Dispensary Teaching Staff

Chiefs of Services

EDWIN PASCAL ALYEA, S.B., M.D., *Urology*.
WILLIAM BANKS ANDERSON, A.B., M.D., *Ophthalmology*.
BAYARD CARTER, A.B., B.A., M.A., M.D., *Obstetrics and Gynecology*.
RAYMOND S. CRISPELL, A.B., M.D., *Neuropsychiatry*.
WILBURT CORNELL DAVISON, A.B., B.A., B.Sc., M.A., D.Sc., M.D., *Pediatrics*.
WATT WEEMS EAGLE, A.B., M.D., *Otolaryngology*.
WILEY DAVIS FORBUS, A.B., M.D., *Pathology*.
FREDERIC MOIR HANES, A.B., A.M., M.D., *Medicine*.
DERYL HART, A.B., M.A., M.D., *Surgery*.
THEODORE W. ATWOOD, A.B., D.M.D., *Dentistry*.
WILLIAM ALEXANDRE PERLZWEIG, B.S., A.M., Ph.D., *Biochemistry*.
ROBERT JAMES REEVES, A.B., M.D., *Roentgenology*.
ALFRED RIVES SHANDS, JR., B.A., M.D., *Orthopedics*.
DAVID TILLERSON SMITH, A.B., M.D., *Bacteriology*.

Associate Staff

JASPER LAMAR CALLAWAY, M.D., *Dermatology and Syphilology*.
NORMAN FRANCIS CONANT, B.S., A.M., Ph.D., *Mycology*.
MACDONALD DICK, A.B., M.A., M.D., *Medicine*.

SNOWDEN COWMAN HALL, A.B., M.D., *Medicine*.
 OSCAR CARL EDVARD HANSEN-PRÜSS, A.B., M.D., *Medicine*.
 CHRISTOPHER JOHNSTON, A.B., M.D., *Medicine*.
 THOMAS T. JONES, A.B., M.D., *Medicine*.
 WILLIAM HENRY KELLEY, M.D., *Medicine*.
 WALTER KEMPNER, M.D., *Medicine*.
 DONALD STOVER MARTIN, A.B., M.D., *Medicine and Bacteriology*.
 WILLIAM MCNEAL NICHOLSON, A.B., M.D., *Medicine*.
 EDWARD STEWART ORGAIN, M.D., *Medicine*.
 ELBERT LAPSLEY PERSONS, A.B., M.D., *Medicine and Dermatology*.
 JULIAN MEADE RUFFIN, A.B., M.A., M.D., *Medicine*.
 DAVID TILLERSON SMITH, A.B., M.D., *Medicine*.
 CLARENCE ELLSWORTH GARDNER, JR., A.B., M.D., *Surgery*.
 ROBERT RANDOLPH JONES, JR., A.B., M.D., *Surgery*.
 ROBERT BEVERLY RANEY, A.B., M.D., *Orthopedics*.
 EDWIN CROWELL HAMBLIN, B.S., M.D., *Obstetrics and Gynecology*.
 ROBERT ALEXANDER ROSS, B.S., M.D., *Obstetrics and Gynecology*.
 ANNIE THOMPSON SMITH, A.B., A.M., M.D., *Obstetrics and Gynecology*.
 *JAY MORRIS ARENA, B.S., M.D., *Pediatrics*.
 ANGUS MCBRYDE, B.S., M.D., *Pediatrics*.
 ARTHUR HILL LONDON, JR., A.B., M.D., *Pediatrics*.
 JEROME SYLVAN HARRIS, A.B., M.D., *Pediatrics*.
 ROGER DENIO BAKER, A.B., M.D., *Pathology*.
 DOUGLAS HAMILTON SPRUNT, B.S., M.S., M.D., *Pathology*.
 HAYWOOD MAURICE TAYLOR, B.S., M.S., Ph.D., *Toxicology*.
 ANNE YATES, A.B., A.M., Ph.D., *Biochemistry*.

Resident Staff

Residents

ROBERT LINDSAY McMILLAN, M.D., and B.S., Duke, 1933 and 1935; *Medicine*.
 PAUL WELDON SANGER, A.B., Oklahoma, 1927; M.D., Vanderbilt, 1931; *Surgery*.
 GEORGE HEINITSH, B.S., North Carolina, 1930; M.D., Duke, 1932; *Otolaryngology and Ophthalmology*.
 EDWARD CHARLES HOLSCHER, A.B. and B.S., Missouri, 1933; M.D., Harvard, 1935; *Orthopedics*.
 JULIEN E. JACOBS, M.D., Nebraska, 1935; *Orthopedics*.
 GEORGE HENRY DERIEUX, B.S. and M.D., Virginia, 1928 and 1932; *Obstetrics and Gynecology*.
 DANIEL J. PACHMAN, A.B., North Carolina, 1931; M.D., Duke, 1934; *Pediatrics*.
 EDWARD K. HARRISON, A.B., Columbia, 1927; M.D., Columbia (P. & S.), 1932; *Roentgenology*.
 WALTER EUGENE DANIEL, B.A., Wake Forest, 1927; M.D., Virginia, 1931; *Urology*.
 ROWLAND H. WALKER, JR., A.B., Washington and Lee, 1930; M.D., Pennsylvania, 1934; *Private Diagnostic Clinic*.

* On leave 1936-37.

Assistant Residents

CHARLES EDWARD LEACH, M.D., Duke, 1935; *Medicine*.

MICHEL JOSEPH LEPORE, B.S., New York, 1929; M.S. and M.D., Rochester, 1931 and 1934; *Medicine*.

BEN NEELY MILLER, JR., B.S. and M.D., Duke, 1935; *Medicine*.

RICHARD ZIMRI QUERY, JR., B.S., Davidson, 1929; M.D., Duke, 1934; *Medicine and Bacteriology*.

ROBERT EDWARDS STONE, A.B., Carolina, 1929; M.D., Harvard, 1934; *Medicine*.

JOHN GEORGE FEDER, A.B. and M.D., Ohio, 1931 and 1934; *Neuropsychiatry*.

JOHN WILLIAM DEVINE, JR., B.S. and M.D., Duke, 1934 and 1935; *Surgery*.

RICHARD VAN FLETCHER, B.S., Georgia, 1929; M.D., Johns Hopkins, 1933; *Surgery*.

GEORGE W. JOYNER, B.S., Wake Forest, 1930; M.D., Duke, 1932; *Surgery*.

LOUIS CARROLL ROBERTS, A.B., Davidson, 1930; M.D., Duke, 1933; *Surgery*.

HERMAN MAX SCHIEBEL, A.B. and M.D., Johns Hopkins, 1929 and 1933; *Surgery*.

SAMUEL E. UPCHURCH, B.A. and M.D., Vanderbilt, 1929 and 1933; *Surgery*.

GLENN EMORY STAYER, A.B., Columbia, 1931; M.D., Duke, 1934; *Otolaryngology*.

RICHARD LEHMER PEARSE, A.B., Duke, 1927; M.D., Harvard, 1931; *Obstetrics and Gynecology*.

EDWIN MACRAE RUCKER, A.B., Randolph-Macon, 1927; M.D., Duke, 1934; *Obstetrics and Gynecology*.

GIFFORD DE ALTON SEITZ, B.A. and M.D., Oregon, 1928 and 1932; *Obstetrics and Gynecology*.

WILLIAM ARNOLD DOUGLAS ANDERSON, B.A., M.D. and M.A., Toronto, 1931, 1934 and 1936; *Pathology*.

E. LLOYD WILBUR, M.D., Nebraska, 1934; *Pathology*.

JEROME SYLVAN HARRIS, A.B., Dartmouth, 1929; M.D., Harvard, 1933; *Biochemistry*.

Internes

RAYMOND DELACEY ADAMS, B.A. and M.A., Oregon, 1932 and 1933; M.D., Duke, 1936; *Medicine*.

GEORGE THOMAS HARRELL, JR., B.A. and M.D., Duke, 1932 and 1936; *Medicine*.

JULIA MARY JONES, B.A., Ohio, 1930; M.D., Duke, 1935; *Medicine*.

ELIJAH EUGENE MENEFFEE, JR., B.S. and M.D., Duke, 1936; *Medicine*.

FRED VERNAM ROCKWELL, A.B. and M.D., Rochester, 1931 and 1936; *Medicine*.

WILLIAM SCHULZE, B.S., Richmond, 1932; M.D., Duke, 1936; *Medicine*.

ROBERT WILLIAMS, A.B., Duke, 1931; M.D., Pennsylvania, 1935; *Medicine*.

WILLIAM HENRY BRIDGERS, B.S. and M.D., Duke, 1936; *Surgery*.

FRANK WOOLRIDGE BUCKNER, B.S., Davidson, 1932; M.D., Duke, 1936; *Surgery*.

ROBERT ARTHUR BURNS, B.S., Bonaventure, 1932; M.D., Rochester, 1936; *Surgery*.

CHARLES FRANCIS CHUNN, M.D., Duke, 1935; *Surgery*.

MILO FRITZ, A.B. and M.D., Columbia, 1931 and 1934; *Surgery*.

HENRY STOKES MUNROE, JR., B.S., Davidson, 1931; M.D., Duke, 1935; *Surgery*.

PHILIP BROWER PARSONS, B.S. and M.D., Duke, 1935 and 1936; *Surgery*.

WIFF CAMP SEALY, B.S. and M.D., Emory, 1933 and 1936; *Surgery*.

- WILLIAM DEMPSEY FARMER, A.B. and M.D., Duke, 1930 and 1934; *Otolaryngology*.
- EDGAR REESE HARGETT, B.S., and M.D., Cincinnati, 1928 and 1931; *Otolaryngology*.
- ELEANOR BEAMER EASLEY, B.A., Idaho, 1928; M.A., Iowa, 1929; M.D., Duke, 1934; *Obstetrics and Gynecology*.
- CLARENCE KENDALL FRASER, Ph.B., Holy Cross, 1931; M.D., Tufts, 1935; *Obstetrics and Gynecology*.
- HARRIOTT I. GATES ANDERSON, M.D., Toronto, 1935; *Pediatrics*.
- ELIZA CALDWELL, A.B., Centre, 1932; M.D., Vanderbilt, 1936; *Pediatrics*.
- CHARLES PAUL STEVICK, B.A. and M.D., Duke, 1933 and 1936; *Pediatrics*.
- FRANK WEITZ, A.B., Georgia; M.D., Tulane, 1935; *Pediatrics*.
- SIDNEY FEYDER, A.B., M.S. and M.D., Rochester, 1932, 1934 and 1936; *Pathology*.
- JOHN FAIRMAN PRESTON, JR., B.S., Davidson, 1931; M.D., Duke, 1935; *Pathology*.
- JOSEPH BLACKBURN STEVENS, B.S., Davidson, 1932; M.D., Duke, 1935; *Pathology*.
- DANA MORRIS STREET, B.S., Haverford, 1932; M.D., Cornell, 1936; *Pathology*.
- RALPH A. ARNOLD, B.A., Rochester, 1932; M.D., Buffalo, 1936; *Student Health Service*.
- EMMERT CHRISTOPHER STUART, JR., M.D., McGill, 1934; *Private Diagnostic Clinic*.
- MEYER MICHAEL LIPTON, D.D.S., Iowa, 1936; *Dentistry*.

REGIONAL REPRESENTATIVES OF THE COMMITTEE ON ADMISSION

Birmingham, Alabama.....	M. Y. DABNEY
Phoenix, Arizona.....	CHARLES B. PALMER
Los Angeles, California.....	J. MORRIS SLEMONS
San Francisco, California.....	EMILE F. HOLMAN
Montreal, Canada.....	WILDER PENFIELD
Denver, Colorado.....	FRANKLIN P. GENGENBACH
New Haven, Connecticut.....	ALLEN K. POOLE
Jacksonville, Florida.....	EDWARD JELKS
Atlanta, Georgia.....	JAMES E. PAULLIN
Savannah, Georgia.....	VICTOR H. BASSETT
Chicago, Illinois.....	GEORGE H. GARDNER
Iowa City, Iowa.....	PHILIP C. JEANS
Louisville, Kentucky.....	MALCOLM D. THOMPSON
New Orleans, Louisiana.....	PHILIP H. JONES, JR.
Baltimore, Maryland.....	L. EMMETT HOLT, JR.
Baltimore, Maryland.....	JOHN T. KING, JR.
Boston, Massachusetts.....	MARSHALL N. FULTON
Detroit, Michigan.....	ROY D. McCLURE
Minneapolis, Minnesota.....	ANGUS W. MORRISON
Kansas City, Missouri.....	RALPH H. MAJOR
St. Louis, Missouri.....	HUGH McCULLOCH
Butte, Montana.....	CAROLINE MCGILL
New York, New York.....	LEONARD T. DAVIDSON
New York, New York.....	LAWRENCE S. KUBIE
New York, New York.....	JAMES B. MURPHY
New York, New York.....	BERTRAM J. SANGER
Rochester, New York.....	WILLIAM S. McCANN
Davidson, North Carolina.....	JOHN W. MACCONNELL
Cincinnati, Ohio.....	MONT R. REID
Cleveland, Ohio.....	B. S. KLINE
Columbus, Ohio.....	CHARLES A. DOAN
Dayton, Ohio.....	R. L. JOHNSON
Toledo, Ohio.....	JOHN L. STIFEL
Warren, Ohio.....	R. D. HEHLINGER
Portland, Oregon.....	KARL H. MARTZLOFF
Johnstown, Pennsylvania.....	W. FREDERIC MAYER
Palmerton, Pennsylvania.....	R. P. BATCHELOR
Philadelphia, Pennsylvania.....	JOHN T. BAUER
Pittsburgh, Pennsylvania.....	DAVENPORT HOOKER
Scranton, Pennsylvania.....	GEORGE A. CLARK
Columbia, South Carolina.....	WILLIAM WESTON
Columbia, South Carolina.....	JAMES H. GIBBES
Memphis, Tennessee.....	RAPHAEL E. SEMMES
Nashville, Tennessee.....	R. SIDNEY CUNNINGHAM
Fort Worth, Texas.....	KHLEBER H. BEALL
Salt Lake City, Utah.....	ALFRED J. RIDGES
St. Johnsbury, Vermont.....	WM. G. RICKER
Charlottesville, Virginia.....	HENRY B. MULHOLLAND
Roanoke, Virginia.....	HUGH H. TROUT
Seattle, Washington.....	R. D. FORBES
Huntington, West Virginia.....	GEORGE M. LYON

GENERAL STATEMENT

Duke University School of Medicine and Duke Hospital were established in 1925, through the munificent gift of the late James B. Duke. The *School of Medicine* has been planned to insure the greatest correlation between the various departments. These facilities are available also for students who are studying for degrees other than that of Doctor of Medicine. The School of Medicine has been approved as Class A by the American Medical Association and also is a member of the Association of the American Medical Colleges. On October 5, 1936, two hundred and forty-three students were enrolled.

FACILITIES OF THE HOSPITAL

Duke Hospital has every modern convenience for the diagnosis, proper care, welfare and comfort of the patients, both private and charity, white and colored, whether they come from Durham or from a distance. It has 456 beds, including 50 bassinets for newly born infants. *Medicine*, including dermatology, neurology and psychiatry, has 111 ward beds; *surgery*, including urology, otolaryngology, ophthalmology and orthopedics, 105 ward beds; *obstetrics*, including *gynecology*, 56, and 50 bassinets; and *pediatrics*, 52. There are 82 private rooms and semi-private cubicles, 7 operating rooms, 4 obstetrical delivery rooms, and accommodations for a resident staff of 71. Offices and examining rooms for the members of the Medical Faculty are located in the Hospital. The Hospital has been approved for internship and residencies by the Council on Medical Education and Hospitals of the American Medical Association.

Duke Hospital and its Public Dispensary were opened for patients on July 21, 1930. Seventy-eight thousand and five hundred individuals have been examined, diagnosed, and treated up to January 1, 1937. Fourteen per cent of the patients come from within a radius of twenty miles, the remaining 86 per cent come from over 90 of the 100 counties in North Carolina and from 22 other states and Canada. The average distance traveled by the patient is more than 70 miles.

PUBLIC WARD PATIENTS. Duke Hospital cannot give charity treatment to all who apply; therefore patients whose incomes are less than \$15 per week should apply for examinations or for admission to the public wards, through their family physicians, to the Duke Public Dispensary.

PRIVATE PATIENTS. Patients who can pay the ward and private rates of \$3.50 to \$9.00 per day, exclusive of professional services, may at any time, through their family physicians, in consultation with any member of the Hospital Staff, make reservations by telephoning to the Admitting Office (Durham F-131). Appointments for private examinations and treatment may be made in advance by telephoning to members of the Hospital Staff or to the Private Diagnostic Clinic (Durham F-131).

Every effort is being made to co-operate with the medical profession, and patients are asked to return to the physicians who referred them to the Hospital and Public Dispensary.

PUBLIC DISPENSARY

The Public Dispensary, with eighty-seven examination and treatment rooms, a physiotherapy division, and a brace and instrument shop, is equipped for the diagnosis and treatment of all forms of disease.

SCHOOL OF NURSING

The next class of students will be admitted to the Duke University School of Nursing on October 4, 1937, but applications should be sent as soon as possible; they will be considered in the order received. The entrance requirements are intelligence, character, and graduation from an acceptable high school. The course leading to the Diploma of Graduate Nurse consists of three years of eleven months each. The tuition is \$100 per year. Application forms and bulletins may be obtained by writing to the Dean, Duke University School of Nursing, Durham, N. C.

Duke University grants the degree of Bachelor of Science in Nursing to women who have completed successfully two years of college work (60 semester-hours) in Duke University or another approved university or college, in addition to the three-year course leading to the Diploma of Graduate Nurse in Duke University School of Nursing, provided they have had certain specified college courses. The sixty semester-hours of college work can be completed either before or after the three-year course in the School of Nursing but not during it. Those who contemplate studying for this degree should obtain advice from the Dean of the School of Nursing about the University or College courses which are recommended.

SCHOOL OF DIETETICS

In addition to the training of medical students and nurses in dietetics, four student dietitians may be admitted to the School of Dietetics and given the certificate of graduate dietitian after the successful completion of one year. The entrance requirements are a Bachelor's degree from an approved university or college, with majors in nutrition and institutional management, and the courses in chemistry, biology, social science and education recommended by the American Dietetic Association. The course for student dietitians provides instruction in all phases of hospital and institutional dietetics, including experience from the buying and storage of food to its service to the patient according to the doctor's orders. In addition, the student dietitians are required to complete the courses in biochemistry, nutrition and selected portions of physiology as given to the medical students.

More detailed information and application blanks may be obtained from the Professor of Dietetics, Duke University School of Dietetics, Durham,

N. C. The course starts the first Monday in September, but applications for appointments should be made before February 1. No tuition is charged, but a registration fee of \$10.00 is payable at the time of appointment; maintenance is provided.

ANESTHESIA

Duke Hospital offers to registered nurses from accredited schools of nursing a twelve months' course in anesthesia, which includes the theory and practice of anesthesia. The tuition fee of \$100 covers all expenses of the course, including maintenance. Applications may be sent to Miss Mary Muller, Duke Hospital, Durham, N. C.

POSTGRADUATE STUDY

The need for more provision for postgraduate study is very acute, not only in this country, but also abroad. There are very few clinics to which a physician can go, after he has been in practice several years, to obtain the additional training which he has found necessary. The School of Medicine is attempting to fill this need.

INTERNESHIPS AND RESIDENCIES

Interneships of one year's duration with room, board, laundry, and uniforms furnished, but without salary, are available in *surgery* (including general surgery, urology, and orthopedics), in *obstetrics* and *gynecology*, in *pediatrics*, or in *pathology*, commencing each July and September.

After the completion of an internship in Duke Hospital or in another acceptable hospital, a certain number may be appointed as assistant residents in medicine, surgery, obstetrics and gynecology, pediatrics, neuropsychiatry, orthopedics, urology, otolaryngology, roentgenology, pathology or biochemistry, or as fellows of the Private Diagnostic Clinic, at a salary of \$250 to \$500 per year with maintenance, and eventually may be promoted to the residency in the various departments or sub-departments of the Hospital at an annual salary of \$500 to \$1,000 with maintenance.

LIBRARY

In addition to the general library of Duke University and the departmental libraries of biology, chemistry, physics, etc., which have 420,500 volumes available for medical students, Duke Hospital Library contains 32,500 volumes of American and foreign medical literature and subscribes to 300 current American and foreign medical and other scientific journals. These books and journals are available daily from 8:20 A.M. to 11:00 P.M. for the students, nurses, staff, and medical profession.

REQUIREMENTS FOR ADMISSION

Intelligence and character are the essential qualifications for admission.

In addition, each candidate must have the following preparation, which includes the minimal requirements for Class A medical schools:

1. At least two years of college work (70 semester-hours), including:
2. *Biology*: At least one year (12 semester-hours, one half of which must be laboratory work, and must include training in embryology). A course in comparative anatomy also is recommended.
3. *Chemistry*: At least two years (10 semester-hours of inorganic chemistry including short or preliminary courses in qualitative and quantitative analysis, and 6 semester-hours of organic chemistry; one-half of each course must be laboratory work). These represent the minimal requirements in chemistry. Additional courses in analytical and physical chemistry are desirable.
4. *Physics*: At least one year (10 semester-hours, one half of which must be laboratory work).
5. *English*: At least two years (12 semester-hours).
6. *Mathematics*: At least one year (6 semester-hours; a working knowledge of logarithms is essential, and one of calculus is desirable).
7. *German*: A reading knowledge of scientific German is highly desirable.
8. Applicants are required to take the aptitude tests of the Association of American Medical Colleges unless specifically excused by the School. These tests are given at most of the colleges and universities in December. (Selection is based on the *quality* rather than the *quantity* of preparation.)

REQUIREMENTS FOR ADMISSION TO ADVANCED STANDING

In addition to the requirements for entrance, an applicant for admission to the Junior Class must present evidence that he will complete successfully the first- and second-year curriculum in a Class A medical school consisting of: gross, microscopic and neuro-anatomy, biochemistry, pharmacology, physiology, gross and microscopic pathology, bacteriology, clinical microscopy, and normal and abnormal physical diagnosis. Students who transfer from other medical schools can be admitted only in the Autumn Quarter. They are eligible to receive their certificates in March or June two years later, depending on whether they attend the intervening Summer Quarter. Application forms may be obtained by writing to the Dean, Duke University School of Medicine, Durham, N. C.; they are considered and a decision in regard to admission made as described on pages 24-25. All applications must be completed by March 15 if they are to receive consideration. Students at other approved medical schools may, if recommended, transfer to Duke for one or more quarters for regular or special studies. They should write to the Dean for information.

**REQUIREMENTS FOR THE DEGREE OF BACHELOR OF
SCIENCE IN MEDICINE**

Duke University grants the degree of Bachelor of Science in Medicine to students who have completed satisfactorily seventy semester-hours of college work in Duke University or another approved university or college, six quarters in the Duke University School of Medicine, *creditable extra* work in any department, and an accepted thesis. No credit toward this degree is given for additional college work, and students who have a Bachelor's degree are not eligible. Students who wish to study for this degree may, during their third or fourth quarter, arrange a program of extra work with the head of the department concerned.

**REQUIREMENTS FOR THE DEGREE OF DOCTOR
OF MEDICINE**

A certificate is given those who, after fulfilling all the requirements for entrance, have completed, to the satisfaction of the Executive Committee, the twelve quarters of the curriculum of the School of Medicine. The degree of Doctor of Medicine is conferred after the completion of two years in satisfactory training in a hospital or laboratory acceptable to the Executive Committee.

DEPARTMENTS OF INSTRUCTION

Anatomy

The Autumn Quarter and two days per week during the Winter Quarter of the first year are devoted to the courses of instruction in gross human anatomy, histology, and neurology *required* of all entering students. Further work in these subjects and advanced studies in various other branches of anatomy may be undertaken during the student's free time. Prospective candidates for *elective* work should discuss their wants with the member of the staff in charge of the particular field in which work is requested, because only a small number can be accommodated in each group. A few properly qualified students may be permitted to undertake original research under the direction of various members of the Staff.

Biochemistry

The *required* course in general biochemistry for first-year students is given in the Autumn and Winter Quarters. One morning each week in the Autumn Quarter is devoted, in discussion groups, to the correlation of the fundamental facts and theories of physical and organic chemistry with the chemistry of living organisms. In the Winter Quarter three lectures and four laboratory periods per week, supplemented by systematic reading and weekly conferences in small groups, are devoted to a more intensive study of the chemistry of the physiological processes of digestion and absorption, circulation and respiration, acid-base and salt equilibrium metabolism including quantitative urine and blood analyses.

Since the success of the students in this course is largely determined by the adequacy and ready availability of their premedical training, it is urged that all students review the fundamental laws, theories, and facts of chemistry before the beginning of the course. A circular outlining the topics requiring special attention is sent to all students upon admission. Additional copies of the circular may be obtained from the Dean's Office. An examination to test the state of preparation of the student is given in the beginning of the course in biochemistry.

Electives. In connection with the course given in the Spring Quarter for second-year students a survey of *pathological and clinical chemistry* is presented. In this course are covered abnormalities of: protein, fat and carbohydrate metabolism, acid-base regulation, salt and water distribution, nitrogen retention, calcium and phosphorus metabolism, blood and derived bile pigments. The discussion of these topics is based upon case histories, including the records of the Clinical Chemical Laboratory of the Hospital.

Biochemical Research. The facilities of the department, including various types of research equipment and the clinical material of the blood chemistry laboratory, are available to properly qualified students for inde-

pendent or supervised investigations. Chemical investigations of problems in biochemistry or in conjunction with the clinical departments and the Department of Pathology may be carried on.

Seminar in Toxicology. A round-table discussion of the homicidal, suicidal and industrial poisons, alcoholism, etc. Autumn or Spring Quarters by arrangement.

Laboratory Detection of Common Poisons. A laboratory course in the properties, detection and identification of the common poisons. Consideration is given to the types of material to be examined, legal precautions to be taken and interpretation of the findings. Autumn or Spring Quarters by arrangement.

Blood Analysis. A laboratory course in the technic of quantitative blood analysis and in the interpretation as applied in clinical work. Offered in the Autumn Quarter.

Physiology and Pharmacology

The *required* courses consist of: (a) a lecture course in physiology and pharmacology, including nutrition, (b) a laboratory course covering physiology, pharmacology, and nutrition, and (c) a seminar in which problems arising in the laboratory and in the student's reading are discussed.

Elective courses covering particular aspects of these subjects, including pathological physiology and research in special fields, are available. Details will be posted on the bulletin board.

Pathology

The *required* course in general pathology for second-year students is given in the Autumn and Winter Quarters. The class is divided into small groups, one instructor and an assistant being assigned to each group. For the purpose of teaching the gross pathological alterations of tissue, the museum material, which consists of complete cases preserved as units, has been classified into well recognized groups, such as obstructions, diseases due to animal parasites, tumors, etc., each group of materials being placed in a separate laboratory. The various student groups are rotated through these rooms. The microscopic aspects of pathological processes are studied by the students at the same time the gross pathological features of the disease are being considered. Physiological, chemical, and bacteriological phases of the various disease processes also are presented to the student by constant reference to the autopsy protocols and clinical studies of the cases which are being considered by the groups, and by visits to the Hospital wards. Lectures on general subjects of wide application are given in co-ordination with the museum case studies. Attendance at autopsies is required of the students of the second year, the class being divided into small groups which are called in turn. The group members are required to follow all studies of the cases which they see and to prepare their own complete records. Cases thus prepared

are presented by the students before the entire class under the direction of the Staff.

Elective courses in pathology in the Spring Quarter are available for a limited number of students who have completed the course in general pathology. Research facilities are provided in the department for students who are competent to undertake investigation.

On Wednesdays at 5 P.M., during the Autumn, Winter, and Spring Quarters, a clinical-pathological conference is held in co-operation with the staffs of the clinical departments. While this conference is designed especially for the Hospital Staff, it is open to all members of the medical profession and students of medicine. Students of the second, third and fourth years routinely attend this conference. A gross diagnostic clinical-pathological conference on current autopsies is held weekly in collaboration with the clinical departments. This conference is required of students of the third and fourth year.

Bacteriology

Bacteriology, Mycology, Immunology, and Parasitology. The required course is given in the Autumn Quarter of the second year. An intensive study is made of the common bacteria, fungi, and parasites which cause disease in man. The scope of the laboratory course is reasonably wide and acquaints the student with all the methods and procedures employed in bacteriological laboratories. Most of the lecture time is devoted to the immunological and epidemiological aspects of infection. We are especially interested in the student's having a clear conception of: (1) how organisms gain entrance to the body, (2) the type of poisons which they produce, (3) the nature of immune bodies which are produced by the host, and (4) the methods of preventing the disease by active and passive immunization. *Research Bacteriology.* Opportunities for original investigations are afforded a few specially qualified students. *Clinical Bacteriology.* During their clinical clerkships on medicine (one quarter each for Junior and Senior classes), the students may perform the routine and special bacteriological work for the patients assigned to them on the teaching service, under the direction of the Department of Bacteriology and in parallel with the Biological Division of the medical clinics.

Medicine

Clinical Microscopy is given in the Winter Quarter of the second year. The course includes the essentials of hematology and the examination of fresh material, such as urine, stools, spinal fluid, sputum, transudates and exudates. The most important parasites of man are studied by the use of fresh and museum material. Second-year and Senior students are given opportunities for special work and for investigation.

Physical Diagnosis and Introduction to Clinical Medicine. This course, in the Spring Quarter of the second year, consists of instruction in history taking, physical examination, and the application of the preclinical

sciences to the interpretation of findings. All departments, preclinical and clinical, including the specialties, participate. The importance of co-operation between clinic and laboratory is emphasized, and the preclinical departments extend the teaching of their particular branches in correlation with other preclinical and clinical studies. In this manner the course serves as an introduction to clinical medicine. The class is divided into sections of not more than ten students, and each student is given individual instruction.

Junior Medicine. Junior students are assigned in small groups for one quarter to the medical wards as clinical clerks. Ward rounds are held from 8:30 to 9:30 A.M., on Mondays, Wednesdays, and Fridays. During the Autumn, Winter and Spring Quarters, medical clinics are given on Mondays, Wednesdays, and Saturdays at 11:30 A.M., and on Wednesdays, during the Summer Quarter.

Senior Medicine. Senior students are assigned for one quarter to the Dispensary as clinical clerks. Ward rounds are held from 9:30 to 11:30 A.M. on Mondays and Fridays. Seniors attend medical clinics on Mondays, Wednesdays, and Saturdays at 11:30 A.M.

Neuropsychiatry. Instruction is started in the second year with a course that covers psychobiology and general psychopathology, and which serves as a bridge between the student's work in academic psychology and clinical neuropsychiatry. This course is concerned with the modern conception of the personality, its neurophysiological basis, growth and development, and traits, normal and abnormal. The problems of intelligence, intelligence testing, and mental deficiency are discussed. The students are trained in neuropsychiatric method and examination, and they make a psychiatric or personality make-up examination upon themselves. Instruction in neuropsychiatry for Junior and Senior students is continued by weekly lecture-clinics during the Autumn, Winter, and Spring Quarters. In the Autumn Quarter the emphasis is on neurology; in the Winter and Spring Quarters the clinical study of psychiatry is developed. Mental disorders in general are considered, and the major psychoses are specifically outlined. The didactic work in neuropsychiatry is supplemented by clinics and by the student's actual experience in handling such psychiatric problems as occur on the wards and in the Public Dispensary of the Hospital. The problems of the psychoneuroses, psychotherapy, and mental hygiene are emphasized.

In addition, clinics are held in the North Carolina State Hospital, Raleigh, N. C. This institution, with over two thousand patients, is co-operating splendidly with the School of Medicine. Special and elective work in psychiatry is offered to students who are especially interested. For this, not only the facilities above mentioned, but also those of the North Carolina Caswell Training School for the mentally deficient are available. Before graduation, it is sought to give the student a workable conception of the individual as a whole, the psychobiological unit, that may be applied in practice.

Surgery

General Surgery. In the Spring Quarter the second-year students, during their course in physical diagnosis, attend clinics and demonstrations arranged to familiarize them with the technique of examinations and the diagnostic procedures used in general surgery and the surgical specialties. Emphasis is placed on the more practical and commonly used methods.

During the Autumn, Winter, Spring and Summer Quarters, at 11:30 A.M. on Tuesdays and Fridays, and during the Autumn, Winter and Spring Quarters at 9:30 A.M. on Saturdays, clinics in surgery and the surgical specialties are held for Junior and Senior students. The *Junior* students, during their surgical quarter, attend ward rounds in surgery from 8:30 to 10:30 A.M., on Mondays, Wednesdays, and Fridays, act as clinical clerks on the wards, avail themselves of the electives offered and attend the regular clinics. The surgical group in the *Senior* year attends ward rounds from 8:30 to 10:30 A.M. on Mondays, Wednesdays, and Fridays, the regular clinics and the electives offered, and assists in the surgical dispensary in the afternoons. Individuals may take any of the electives offered.

An *elective* course in operative surgery is given in the experimental laboratory during the Autumn and Spring Quarters. This course is scheduled from 8:30 to 11:30 A.M. on Tuesdays and Thursdays. The group is divided into operating teams, and each student takes his turn serving as the operator, first assistant, and anesthetist. During the Winter Quarter special work in experimental surgery may be arranged by conference with the instructor. The purpose of this course is to teach the basic principles of aseptic surgery as well as of anesthesia. Incidentally the student performs a number of operations illustrating various types of surgery, the operative procedures being of gradually increasing difficulty.

An *elective* course in emergency and traumatic surgery is given each quarter. In groups of two, each week, Junior or Senior students are on call in the emergency room for all accidents and emergencies. Opportunity is given to observe and assist in the treatment of accident cases and in the diagnosis of acute abdominal emergencies. Lectures, twice each week, during the Winter Quarter, supplement this course.

An *elective* course in anesthesia is open to four properly qualified senior students, each quarter. Students meet the anesthetist each morning in the operating room and observe and administer anesthetics under supervision.

Ophthalmological Division. During the Spring Quarter second-year students receive instruction in elementary ophthalmology. During the Junior obstetrical quarter the students are assigned to the ophthalmological clinic on Tuesday and Friday afternoons for five and one-half weeks, and assist in the study and treatment of eye diseases. Especial emphasis is placed on the underlying medical and surgical conditions. Each student follows throughout his time in the clinic all patients assigned

to him. For those who manifest an unusual interest in this specialty, provision will be made for a more advanced work.

Orthopedic Division. In the Spring Quarter of the second year an introductory course in orthopedics is given. During their surgical quarter the Junior students attend ward rounds at 10:30 A.M. on Mondays. The Senior students in their surgical quarter also may attend these rounds. Clinics are held during the Autumn Quarter on Fridays at 11:30 A.M. for Juniors and Seniors. Students in their Senior surgical quarter are assigned in rotation to the orthopedic dispensary on Mondays, Wednesdays, and Friday afternoons. Special work may be arranged for students who wish. An *elective* course in orthopedic pathology is offered for one hour per week during the Winter Quarter for Juniors and Seniors. Lectures on fractures are given during the Winter Quarter for Juniors and Seniors. Students are given the opportunity of attending the North Carolina Orthopedic Hospital Clinic at Goldsboro once a month, if they so desire.

Otolaryngological Division. An introductory course of instruction in the use of otolaryngological instruments, with a review of normal anatomy, is given to second-year students in the Spring Quarter. Clinics on Fridays at 11:30 A.M. during the Spring Quarter are given to Junior and Senior students. Junior students during their obstetrical quarter spend two afternoons for five and one-half weeks in the otolaryngological clinic. An *elective* course on the anatomy, physiology, and diseases of the ear, nose, and throat can be arranged for those desiring it.

Urological Division. In the Spring Quarter, second-year students are given a course of lectures and practical demonstrations in urological physical diagnosis in the normal individual. Ward rounds on urological patients are given every Saturday at 8:30 A.M., throughout the year, which Junior students in their surgical quarter, and the Senior surgical group are required to attend. During each quarter, small groups are selected from the Senior surgical group of students and assigned in rotation to the urological dispensary on Tuesday and Friday afternoons. Here, under proper supervision, they study patients and give recommended treatment. During one and a third quarters of the year urological lectures are given on Fridays at 11:30 A.M. for the Junior and Senior classes. These lectures deal with the affections of the male and female urinary tract and of the male genital tract. Clinics for urethroscopic and cystoscopic investigation and the more technical methods of urological diagnosis and treatment are held Wednesdays from 1:30 to 5:00 P.M. and Thursdays from 9:30 A.M. to 12:30 P.M., and from 1:00 to 5:00 P.M. throughout the year. X-ray conferences on all urological cases are held Tuesday, Thursday, and Saturday mornings from 8:30 to 9:30, and are followed by staff rounds. Three Senior students may select one of these clinics, x-ray conferences and staff rounds as an elective.

Dentistry. Second-year students, in the Spring Quarter, are instructed in the principles of dentistry.

Roentgenology

A course with especial reference to differential diagnosis and x-ray and radium therapy, is given to Senior students during the Senior surgical quarter.

Obstetrics and Gynecology

Second-year students receive seventeen hours of instruction in the fundamentals of obstetrics and gynecology during their course in physical diagnosis in the Spring Quarter. Clinics and demonstrations for Junior and Senior students are held on Saturdays at 10:30 A.M. during the Autumn, Winter, and Spring Quarters, and on Mondays at 11:30 A.M. in the Summer Quarters. During one quarter of the *Junior* year each group of students attends ward rounds at 8:30 A.M. on Mondays, Wednesdays, and Saturdays, and the Public Dispensary at 1:30 P.M. daily, except Saturdays, Sundays, and holidays for eleven weeks. The students also spend part of each day on the wards. *Senior* students, during their surgical quarter, have ward rounds on obstetrics and gynecology on Saturdays at 8:30 A.M. Each *Senior* student, during his specialties quarter, is required to spend two weeks on service with the Outside Obstetrics Training Group at Charlotte, North Carolina. This group is active in the antepartum care, in the delivery of the patients, and in the postpartum care of patients registered by the Maternity Clinic of that city. The group is under the direction of a trained obstetrician.

Elective courses in the diagnosis and treatment of obstetric and gynecologic conditions are offered for Junior and Senior students.

Pediatrics

Each *second-year* student receives nine hours of instruction in elementary pediatrics during the course in physical diagnosis in the Spring Quarter. *Junior* and *Senior* students, during their medical quarters, have pediatric ward rounds on Saturdays from 8:30 to 9:30 A.M. The *Senior* students are divided into three groups, each of which spends one quarter in pediatrics. During this quarter, they are assigned daily as clinical clerks on the children's ward, nursery and pediatric dispensary, attend ward rounds, at 9:30 A.M. on Mondays, Wednesdays, and Fridays, are instructed in the practical nursing of infants by Miss Sherwood on Fridays at 10:30 A.M., assist in the treatment of the pediatric patients in the syphilis clinic on Thursdays at 7 P.M., and are taught the preparation of diets for infants and children by the Professor of Dietetics. Each student attends six infant feeding clinics during this quarter. On Thursdays at 11:30 A.M., the Junior and Senior students attend demonstrations at which the preclinical basis, as well as the clinical aspects, of disease are emphasized. *Elective courses: Senior students* may attend the infant feeding clinic on Tuesdays at 10 A.M., do research work, or assist in pediatric ward or dispensary one or more mornings per week, according to the time at their disposal.

Legal Medicine and Toxicology

This course embraces a discussion of the relation of physicians to legal criminal procedures; jurisdiction of the coroner and medical examiner; laws governing the dead human body; personal identity of the living and the dead; the legal autopsy; traumatic injuries and fractures; rape; abortion; asphyxial death; homicidal, suicidal, and industrial poisoning; alcoholism; the examination of blood, stains, fibers, and the detection of malingering. The course is open to students in the seventh to twelfth quarters and is given in alternate years. Given in 1936-37. Discussions of medico-legal problems for the House Staff and Senior students, and joint conferences of the medical and law students also are held.

Preventive Medicine and Public Health

A Lecture Course includes instruction in the epidemiology and control of communicable diseases; maternal, infant and child hygiene; the collection of vital statistics and the function of federal, state, and local public health organizations. *A Field Course*, through the co-operation of Mr. G. Watts Hill, Mr. V. C. Ashbaugh, Mr. W. M. Piatt, and Capt. J. C. Michie, comprises instruction in and demonstration of principles and methods of milk control, ventilation, disinfection, fumigation, sewage disposal, and water supply. These courses are open to students in their seventh to twelfth quarters and are given in alternate years. To be given in 1937-38. *A Laboratory Course* is given in the Autumn Quarter of the second year by the Department of Bacteriology, and consists of the identification and virulence testing of diphtheria cultures, the isolation of stool, throat and blood organisms, the practical examination of water, Schick, Dick and tuberculin tests, and vaccination against typhoid and smallpox. *Elective*: Through the co-operation of several city and county health officers, students may spend one or more weeks in observing and assisting in the operation of these public health units.

CURRICULUM OF THE SCHOOL OF MEDICINE

The usual four medical school years of thirty-three weeks each may be condensed into three and one quarter calendar years. In the preclinical subjects three terms and in the clinical subjects four terms, each of eleven weeks, are given during the year, and a certificate is granted after the satisfactory completion of twelve terms. These may be taken consecutively (certificate in three and one quarter years) if the student's previous work has been outstanding and if he has been given permission by the Curriculum Committee; or three terms may be taken each year (certificate in four years). Such a curriculum will affect in no way the course at any other medical school. If students who have received their first two years of training at other medical schools wish to spend their clinical years at the Duke University School of Medicine, they are eligible in October for the seventh quarter, which corresponds to the beginning of the usual Junior Class.

Every effort is made to emphasize the close relationship of preclinical and clinical instruction. Members of the Clinical Staff assist in the teaching of preclinical subjects and demonstrate, to the students of the first two years, patients whose conditions illustrate the subjects being taught. Thus, from the student's first days, he is impressed with the interdependence of all branches of the medical science. During the sixth quarter every department of the School participates in a correlation course, which, combined with the teaching of physical diagnosis, serves to give the student just entering his clinical years a co-ordinated introduction to medicine in all its aspects. From the seventh to twelfth quarters, pre-clinical instructors assist the Clinical Staff in presenting the underlying basis of disease.

Nineteen per cent of the time in this curriculum is free for elective work or anything else which the student wishes to do. No credits are given for specific courses during this free time. The opportunity merely is provided for each student, on his own initiative, to obtain the additional training which he may feel to be necessary or desirable. It is hoped that many of the students will migrate to other medical schools in this country or abroad for one quarter, a practice which is encouraged. The students also may utilize their free time in elective courses in pre-clinical and clinical departments and may pursue independent work in any subject or may do research work. The elective courses have been organized for small groups and will be repeated, if necessary, in one or more quarters. Students who wish to study during the Summer Quarter, either here or elsewhere, to spend one or more quarters at other medical schools or to substitute a program different from that listed below, must obtain permission, in advance, from the Curriculum Committee.

CURRICULUM OF FOUR QUARTERS OF ELEVEN WEEKS EACH

(The hours for these courses will be posted on the bulletin board.)

FIRST YEAR

AUTUMN QUARTER (1st) :

September 30 to December 18, 1937.

Anatomy (including histology and neuro-anatomy).....	385 Hours
Biochemistry	18 Hours
Free time	26 Hours

WINTER QUARTER (2d) :

January 4 to March 20, 1937.

Anatomy (including histology and neuro-anatomy)	165 Hours
Biochemistry	176 Hours
Free time	88 Hours

SPRING QUARTER (3d) :

March 30 to June 12, 1937.

Physiology and pharmacology, including nutrition.....	330 Hours
Free time	99 Hours

SECOND YEAR

AUTUMN QUARTER (4th) :

September 30 to December 18, 1937.

Pathology	198	Hours
Bacteriology	150	Hours
Introduction to Psychiatry	11	Hours
Free time	70	Hours

WINTER QUARTER (5th) :

January 4 to March 20, 1937.

Pathology	198	Hours
Clinical microscopy	110	Hours
Free time	121	Hours

SPRING QUARTER (6th) :

March 30 to June 12, 1937.

Physical diagnosis and introduction to clinical medicine	300	Hours
Free time	129	Hours

JUNIOR YEAR

SUMMER QUARTER (7th) :*
June 21 to September 4, 1937.

Medicine (Junior)	385	Hours
Free time	44	Hours

AUTUMN QUARTER (8th) :*
September 30 to December 18, 1937.

Surgery (Junior)	418	Hours
Free time	11	Hours

WINTER QUARTER (9th) :*
January 4 to March 20, 1937.

Obstetrics and gynecology (Junior)	220	Hours
Ophthalmology and Otolaryngology	66	Hours
Free time	143	Hours

SENIOR YEAR

SPRING QUARTER (10th) :*
March 30 to June 12, 1937.

Medicine (Senior)	308	Hours
Free time	121	Hours

SUMMER QUARTER (11th) :*
June 21 to September 4, 1937.

Surgery (Senior) including Urology and Orthopedics	309	Hours
Obstetrics	120	Hours

* The clinical instruction is repeated each quarter in order to utilize all the clinical material and to have small groups of students. Consequently, students may vary the order of the seventh, eighth, and ninth quarters, and also the order of the tenth, eleventh, and twelfth quarters. Students, who do not attend the Summer Quarters, have similar instruction one quarter later. The above schedule merely illustrates the program of one group

AUTUMN QUARTER (12th) :*

September 30 to December 18, 1937.

Pediatrics	191 Hours
Medicine	83 Hours
Final clinical examinations	24 Hours
Free time	131 Hours

SUMMARY

Total number of hours required instruction, (81%)	4,165
Total number of hours of free time, (19%)	983
Total number of hours in curriculum, (100%)	5,148

* The clinical instruction is repeated each quarter in order to utilize all the clinical material and to have small groups of students. Consequently, students may vary the order of the seventh, eighth, and ninth quarters, and also the order of the tenth, eleventh, and twelfth quarters. Students, who do not attend the Summer Quarters, have similar instruction one quarter later. The above schedule merely illustrates the program of one group.

FEES AND EXPENSES

All fees for each quarter are due and payable at the beginning of each quarter, and no student will be admitted to classes until these fees have been paid at the University Treasurer's Office. A fine of \$5.00 is charged for late registration. No credit will be given for any quarter in which the tuition of \$150.00 has not been paid at the Treasurer's Office, whether the work has been done here or elsewhere, except: (1) Students who have been given permission by the Curriculum Committee to spend a quarter at a European medical school or hospital will have their tuition of \$150.00 for that quarter remitted and (2) students who have been permitted by the Curriculum Committee to spend a quarter at another American medical school or hospital may subtract the amount of tuition paid at this other medical school or hospital from the \$150.00 due here for that quarter.

It is not advisable for a student to attempt outside work to defray his expenses; the results usually are disastrous to his health and academic standing.

Fees and Expenses

Tuition, per quarter	\$150
Health and accident policy, per quarter	6.66
Athletic fee, admitting students to all athletic contests held on the University grounds during the quarter	5
Room-rent, per quarter*	50
Board, per quarter	75
Laundry, per quarter	10 to 20
Books, per quarter	25 to 50
Commencement and diploma fees**	8
National Board of Medical Examiners fees** 25 (Part I), 20 (Part II)	
Microscope, ophthalmoscope, otoscope and other equipment, which are required of each student and which must conform to rigid standards, may be obtained on a rental basis from the University	20 to 30
Estimated total expenses, per month	100 to 150

ANGIER B. DUKE MEMORIAL AND OTHER LOAN FUNDS

The Angier B. Duke Memorial, Incorporated, administers through an advisory committee of the officers of the University a loan fund for students. In addition, the University administers other endowed loan funds for the benefit of students who are not financially able to meet their expenses. Medical students, after their third quarter, are eligible for loans from these sources. No scholarships are awarded in the School of Medicine.

RESEARCH FELLOWSHIP

One research fellowship has been provided by the Lederle Laboratories.

* A few rooms in the University dormitories may be available for medical students. These rooms are provided with furniture, heat, electric light, and care of rooms; each student furnishes his own blankets, sheets, pillow-slips, towels, and pillows. Meals may be had at the Union on the campus.

** Payable at the beginning of the quarter in which a student is eligible for a degree or examination.

THE SCHOOL OF NURSING

1936-1937

ANNOUNCEMENTS FOR 1937-1938

SCHOOL OF NURSING AND HOSPITAL CALENDAR 1937-1938

1937

- Jan. 4. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Monday—Washington's Birthday: a holiday.
March 20. Saturday—Winter Quarter ends.
March 29. Monday—Registration of students, and Spring Quarter begins.
June 7. Monday—Commencement.
June 12. Saturday—Spring Quarter ends.
June 21. Monday—Registration of students, and Summer Quarter begins
(Junior-Senior students).
July 5. Monday—Independence Day: a holiday.
Sept. 4. Saturday—Summer Quarter ends.
Oct. 4. Monday—Registration of students, and Autumn Quarter begins.
Nov. 25. Thursday—Thanksgiving Day: a holiday.
Dec. 18. Saturday—Autumn Quarter ends.

1938

- Jan. 3. Monday—Registration of students, and Winter Quarter begins.
Feb. 22. Tuesday—Washington's Birthday.
March 19. Saturday—Winter Quarter ends.
March 28. Monday—Registration of students, and Spring Quarter begins.
June 6. Monday—Commencement.
June 11. Saturday—Spring Quarter ends.

OFFICERS OF ADMINISTRATION

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D.
President of the University

ROBERT LEE FLOWERS, A.M., LL.D.
Vice-President, Secretary, and Treasurer

WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D.
Vice-President

CHARLES BLACKWELL MARKHAM, A.B., A.M.
Assistant Treasurer

BESSIE BAKER, R.N., B.S.
Dean of the School of Nursing

WILBURT CORNELL DAVISON, A.B., B.A., B.Sc., M.A., M.D.
Dean of the School of Medicine

COMMITTEES

STANDARDS COMMITTEE

WILBURT CORNELL DAVISON, A.B., B.A., B.Sc., M.A., D.Sc., M.D., *Dean of the School of Medicine.*

BESSIE BAKER, R.N., B.S., *Dean of the School of Nursing.*

ANN HENSHAW GARDINER, R.N., B.S., M.S., *Assistant Professor of Nursing Education.*

JULIA ELIZABETH WHITE, A.B., R.N., *Assistant to the Dean.*

STUDENT WORK COMMITTEE

BESSIE BAKER, R.N., B.S., *Dean of the School of Nursing.*

ANN HENSHAW GARDINER, R.N., B.S., M.S., *Assistant Professor of Nursing Education.*

JULIA ELIZABETH WHITE, A.B., R.N., *Assistant to the Dean.*

ISABEL HUNTER DILL, R.N., B.S., *Instructor in Principles and Practice of Nursing.*

GARNETTE ANNE NESTER, R.N., B.S., *Instructor and Assistant to the Dean.*

ADVISORY COMMITTEE

WILBURT CORNELL DAVISON, A.B., B.A., B.Sc., M.A., D.Sc., M.D., *Dean of the School of Medicine.*

BESSIE BAKER, R.N., B.S., *Dean of the School of Nursing.*

FREDERICK VERNON ALTVATER, A.B., A.M., *Superintendent.*

GENERAL INFORMATION

The School of Nursing of Duke University was established in 1925 in connection with the School of Medicine of the University and Duke Hospital through the munificent gift of the late James B. Duke.

The plan of the School is to give a sound basic course in Nursing Education which will prepare young women to give intelligent nursing care to the sick in hospitals and homes of the community as well as an introduction to the problems of community health and preventive medicine.

FACILITIES FOR INSTRUCTION

The facilities for instruction include the undergraduate colleges of the University, the School of Medicine, and the Duke Hospital. Students of the School of Nursing are admitted on the same basis as other students of the University.

LIBRARIES

The reference library of books and periodicals of special interest to students majoring in nursing is located in the Hospital Library. The student may use the general libraries on both campuses.

RESIDENCE

The students are housed in the new fireproof residence located near the Hospital. It is adequately equipped with blankets and linen, making further provision by the student unnecessary.

HEALTH REGULATIONS AND PHYSICAL EDUCATION

The School has general supervision of the student's health. All students are required to pass a physical examination upon admission to the School of Nursing and at periods thereafter, a final examination being given at the end of the course. The usual tests and vaccinations are required. Exercise for two periods a week during the first two quarters is required of all students taking the three-year course. Students in the five-year course meet the full requirements of the Woman's College during their freshman and sophomore years.

ACTIVITIES OFFERED

Autumn Quarter—(October to December) Hockey, swimming, tennis, riding, moderate sports, and hiking.

Winter Quarter—(January to March) Informal gymnastics, Danish gymnastics, apparatus, games, individual gymnastics, folk dancing, clogging, interpretative dancing, swimming, and basketball.

Spring Quarter (March to June) Tennis, swimming, riding, baseball, track, field events, and archery.

ADMISSION REQUIREMENTS

The entrance requirements are intelligence, character, and graduation from an accepted high school. The course leading to the Diploma of Graduate Nurse consists of three years of eleven months each. The student must have passed her eighteenth birthday.

The degree of Bachelor of Science in Nursing also is offered to those who have completed successfully two years of college work (60 semester-hours) in Duke University or another acceptable college or university in addition to the three-year course leading to the Diploma of Graduate Nurse in Duke University School of Nursing. The sixty semester-hours may be completed either before or after the three-year course in the School of Nursing. Those who contemplate studying for this degree should write to the Dean of the School of Nursing for advice in regard to the required course of study.

EXPENSES

The balance of the tuition fee of \$100 yearly is payable upon the day of admission, and at the beginning of each succeeding year of the three-year course. There will be no expense for room, board, and laundry during the pre-clinical and clinical periods. Textbooks and uniforms are furnished. There are no scholarships or loan funds in the School of Nursing. In the five-year course leading to the Diploma of Nursing and the B.S. degree the expense of the two years of college work is borne by the student. The above regulations regarding tuition, board, uniforms, and textbooks apply only when the student is in residence in the School of Nursing.

THE THREE-YEAR COURSE

Each year is divided into four quarters of three months each. For the student entering in September there is a vacation of two weeks between the first and second quarters at Christmas; the remaining two weeks' vacation for that year is given during the summer months. A three months' vacation will be allowed during the three years. Vacations may not be limited to the summer, but may be assigned at any time during the year. This may be necessary to insure the most effective correlation of theory and practice.

COURSES OF INSTRUCTION

(This is a condensed description of courses. For a full description, see Bulletin of the School of Nursing.)

Anatomy.	DR. HOLLINSHEAD, MISS GARDINER
Physiology.	DR. EADIE, DR. DICK, MISS GARDINER
Chemistry.	DR. TAYLOR, MISS GARDINER
Bacteriology.	DR. MARTIN, MISS GARDINER
Pathology.	DR. SPRUNT, MISS HOLLEMAN

ENGLISH

English I, II.	MRS. GRAY
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HYGIENE

Personal Hygiene.	MISS GARDINER
Posture.	MISS CARTER
Preventive Medicine and Public Health.	DR. EPPERSON AND ASSISTANTS, MISS GARDINER

MEDICINE

Medical Diseases and Medical Nursing.	DR. McMILLAN, MISS BOWEN
Communicable Diseases.	DR. McBRYDE, MISS BOWEN
Dermatology.	DR. PERSONS, MISS HOFSTETTER

SPECIAL THERAPEUTICS

Within this group of lectures and nursing demonstrations are to be found those dealing with x-ray, dental hygiene, allergy, and basal metabolism.

X-ray.	DR. REEVES, MISS BOWEN
Dental Hygiene.	MISS GARDINER
Allergy.	DR. HANSEN, MISS HOFSTETTER
Basal Metabolism.	DR. JOHNSTON, MISS BOWEN

NURSING

History of Nursing.	MISS NESTER
Principles and Practice of Nursing, Elementary.	MISS DILL, MISS CLAPP
Principles and Practice of Nursing, Advanced.	MISS DILL, MISS CLAPP
Ethics.	MISS BAKER

Hospital Economics.	MISS DILL
Case Study.	MISS BOWEN
Senior Demonstrations.	MISS DILL, SUPERVISORS
Professional Problems.	MISS BAKER
Senior Seminar.	MISS GARDINER, MISS DILL, MISS NESTER

NUTRITION

Nutrition and Cookery.	MRS. MARTIN
Diet in Disease.	MRS. MARTIN

OBSTETRICS AND GYNECOLOGY

Gynecology and Gynecological Nursing.	DR. CARTER, MISS LEWIS
Obstetrics and Obstetrical Nursing.	DR. CARTER, MISS LEWIS

PEDIATRICS

Pediatrics and Pediatric Nursing.	DR. PACHMAN, MISS SHERWOOD
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PHARMACOLOGY

Elementary Pharmacology.	MISS NESTER
Materia Medica, Advanced.	MISS NESTER

PHYSIOTHERAPY

Physiotherapy.	MISS GORDON
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PSYCHOLOGY

Psychology.	DR. LUNDHOLM
Mental Hygiene.	MISS GARDINER
Neurology and Psychiatry.	MISS GARDINER

SURGERY

General Surgical Diseases and Surgical Nursing.	DR. JONES, MISS HOLLEMAN
Orthopedics.	DR. SHANDS, MISS HOLLEMAN
Urology.	DR. ALYEA, MISS HOLLEMAN
Operating Technique.	MISS BATCHELDER
Otology, Rhinology, and Laryngology.	DR. EAGLE, MISS GARDINER
Ophthalmology.	DR. ANDERSON, MISS GARDINER
Social Service.	MR. STANLEY AND ASSISTANTS, MISS GARDINER

SCHEDULE OF CURRICULUM—THREE-YEAR COURSE

FIRST YEAR

<i>Autumn Quarter</i>				<i>Winter Quarter</i>			
			Hours				Hours
	Lect., Class	Lab.	Total		Lect., Class	Lab.	Total
Anatomy	27	63	90	Principles and			
Physiology	22		22	Practice of			
Chemistry	33	22	55	Nursing, Elem.	44	55	99
History of				Bacteriology	22	22	44
Nursing	33		33	Pharmacology,			
Psychology	22		22	Elem.	22	11	33
Personal				Nutrition and			
Hygiene	22		22	Cookery	22	22	44
English	33		33	Ethics	11		11
Principles and				English	33		33
Practice of							
Nursing	11	11	22		154	110	264
Hospital							
Economics	11		11				
	214	96	310				

Physical Education 2 hours a week the first and second quarters

<i>Spring Quarter</i>				<i>Summer Quarter</i>	
			Hours		
	Lect., Class	Lab.	Total		
Principles and				Vacation	4 weeks
Practice of				Ward Practice	8 hours daily
Nursing	33	33	66		
Case Study	6	5	11		
Physiotherapy ...	4	12	16		
Materia Medica .	33		33		
	76	50	126		

SECOND YEAR

<i>Autumn Quarter</i>				<i>Winter Quarter</i>		
			Hours			
	Lect., Class	Total			Lect., Class	Total
Pathology	22	22		Gynecology	22	22
Medicine	33	33		Orthopedics	22	22
Surgery	33	33		Urology	22	22
Diet in Disease ..	44	44		Operating		
	132	132		Technique	11	11
				Special		
				Therapeutics ..	22	22
					99	99

<i>Spring Quarter</i>			<i>Summer Quarter</i>	
	Lect.,	Hours	Ward Practice	8 hours daily
	Class	Total	Vacation	4 weeks
Communicable				
Diseases	33	33		
Mental Hygiene .	22	22		
Ear, Nose,				
Throat	22	22		
	<hr/>	<hr/>		
	77	77		

THIRD YEAR

<i>Autumn Quarter</i>			<i>Winter Quarter</i>	
	Lect.,	Hours		Hours
	Class			Lect., Class
Obstetrics	44		Psychiatry	33
Pediatrics	44		Eye	11
	<hr/>		Skin	11
	88		Senior Demonstrations	11
				<hr/>
				66

<i>Spring Quarter</i>			<i>Summer Quarter</i>	
	Lect.,	Hours	Vacation	4 weeks
	Class		Ward Practice	8 hours daily
Professional Problems	11		Clinical Experience After the First Six Months	
Preventive Medicine and Public Health	22			
Social Service	22		Medical Wards	6
Senior Seminar	11		Surgical Wards	6½
	<hr/>		Diet Kitchen	1½
	66		Gynecological Nursing	2
			Operating Room	3
			Out Patient Clinics	1
			Private Wards	1
			Obstetrical Department	3
			Pediatrics Department	3
				<hr/>
				27

In addition, there are a preparatory period of six months and a vacation period of three months, making a total of thirty-six months.

THE FIVE-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE AND GRADUATE IN NURSING

Major Advisers

BESSIE BAKER, *Dean*

ANN HENSHAW GARDINER

In order to meet the needs of the student, the five-year course leading to the degree of Bachelor of Science in Nursing and Graduate in Nursing has been planned in two groups.

In the first group the course is for the students completing two years of college work before entering the School of Nursing.

Group two is for students who plan to complete their two years of college work following their nursing education.

Whenever possible, the student should elect the five-year course, taking the two years of college work preceding the three years in the School of Nursing. Conferences may be planned to give the student a better understanding of the field she has chosen.

GROUP I

The aim is to give the student in her first two years an introduction to the general cultural subjects which we consider fundamental and to give her a better foundation in the science of nursing.

SUGGESTIONS FOR FIVE-YEAR COURSE

FIRST YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	S.H.		S.H.
English 1	3	English 2 or 4	3
Language	3	Language	3
History 1	3	History 2	3
Chemistry 1	4	Chemistry 2	4
Mathematics 3	3	Education 8	3
	<hr/> 16		<hr/> 16
SECOND YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
	S.H.		S.H.
English	3	English	3
Language	3	Language	3
Zoology	4	Zoology	4
Sociology 91	3	Sociology 92	3
History 91	3	Psychology 101	3
	<hr/> 16		<hr/> 16
Physical Education			
Nursing Conference			

GROUP II

In this group the student enters the School of Nursing for three years and upon the completion of her nursing education enters the University to fulfill the following requirements leading to the degree of Bachelor of Science in Nursing and Graduate in Nursing.

The students will be required to complete sixty (60) semester-hours, thirty (30) of which must be in the work approved for seniors.

She must complete eighteen to twenty-four (18-24) semester-hours in a major subject either in the division of Mathematics, Psychology, or

Natural Science. The work in this division must not total more than thirty (30) semester-hours.

The total of thirty (30) semester-hours will also be required in the divisions of the Humanities, Social Science, and History.

At least twelve (12) semester-hours in each of these divisions will be required of the student.

Students will be allowed to take a maximum of six (6) semester-hours of freshman work for credit. They must also meet the University requirements concerning quality-points.

POSTGRADUATE COURSES

If there is sufficient demand, postgraduate courses of six months in medicine, surgery, and pediatrics will be available for a limited number of students.

THE SCHOOL OF RELIGION

1936-1937

ANNOUNCEMENTS FOR 1937-1938

CALENDAR

1937

- Sept. 23. Thursday, 4:00 P.M.—First regular Faculty meeting.
Sept. 24-25. Friday and Saturday—Matriculation and registration of students.
Sept. 27. Monday, 8:00 A.M.—Instruction begins.
Sept. 30. Thursday—Formal opening exercises.
Oct. 5. Tuesday—Last day for submitting subjects for B.D. theses.
Oct. 14. Thursday—Fall retreat.
Nov. 11. Thursday—Armistice Day.
Nov. 25. Thursday—Thanksgiving Day; a holiday.
Dec. 11. Saturday—Duke University Day.
Dec. 18. Saturday, 1:00 P.M.—Christmas recess begins.

1938

- Jan. 3. Monday, 8:00 A.M.—Instruction is resumed.
Jan. 20. Thursday—Mid-year examinations begin.
Jan. 31. Monday—Matriculation and registration for second semester.
Feb. 1. Tuesday—Second semester begins.
Feb. 22. Tuesday—Washington's Birthday.
March 30. Wednesday, 1:00 P.M.—Spring vacation begins.
April 6. Wednesday, 8:00 A.M.—Instruction is resumed.
May 16. Monday—Last day for submitting B.D. theses.
May 23. Monday—Final examinations begin.
June 4. Saturday—Commencement opens; Senior Class Day; Meeting of Board of Trustees.
June 5. Sunday—President's Address to Graduating Class; Commencement Sermon.
June 6. Monday—Commencement Address; Alumni-Alumnae Luncheon; Graduating Exercises; Lowering of the Flag by the Graduating Class.

OFFICERS OF ADMINISTRATION

FEW, WILLIAM PRESTON, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D.

President of the University

FLOWERS, ROBERT LEE, A.M., LL.D.

*Vice-President in the Business Division, Secretary, and
Treasurer of the University*

WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D.

Vice-President in the Educational Division of the University

BROWN, FRANK CLYDE, A.B., A.M., Ph.D.

Comptroller of the University

COMMITTEE OF THE BOARD OF TRUSTEES ON THE SCHOOL OF RELIGION

W. W. PEELE, T. M. GRANT, J. B. HURLEY, T. F. MARR

EDUCATIONAL ADMINISTRATION

RUSSELL, ELBERT, A.B., A.M., Ph.D.

Dean of the School of Religion

GARBER, PAUL NEFF, A.B., A.M., Ph.D.

Registrar of the School of Religion

COMMITTEES OF THE FACULTY

Admissions—The Dean, the Registrar, and Professor Smith.

Bulletin—Professors Russell, Cannon, Garber, Spence, and Rowe.

Extension—Professors Hickman, Rowe, Myers, Ormond, and Spence.

Library—Professors Cannon and Smith and Dr. Clark.

Public Exercises—Dean Russell and Professors Branscomb, Garber, Hickman, and Rowe.

Registration and Advanced Standing—The Registrar, the Dean, and Professor Cannon.

Theses—Professors Cannon, Garber, Hickman, Smith, and Rowe.

Representatives on Joint Committee on Junaluska School of Religion—President Few, Dean Russell, and Professor Garber.

SCHOOL OF RELIGION IN DUKE UNIVERSITY

Trinity College was established by Christian men for the purpose of providing education for young men and women under distinctively Christian auspices. There has been no departure from this clearly defined aim. On the contrary, there has been ever increasing emphasis placed upon this feature of the work of the College, especially in the provision in the curriculum for a great variety of courses on the Bible and other religious subjects.

Through the gift of James B. Duke, the School of Religion and its curriculum have been separated from the work of the Department of Religion in Trinity College. Among those for whom his gift was intended Mr. Duke placed ministers first. He felt sure that his native state of North Carolina stood in need primarily of a better educated and more efficiently trained ministry. The organization of the School of Religion of Duke University, the first of the professional schools to start its work, is the carrying out of this intention on the part of Mr. Duke. The work of the School began with the academic year 1926-27, though the formal opening exercises were not held until November 9, 1926.

Duke University retains the same close relationship which Trinity College always held to the Conferences in North Carolina of the Methodist Episcopal Church, South. This legal relationship has always been broadly interpreted: members of all Christian denominations, as well as Methodists, are made to feel welcome in the School of Religion. The basis on which the work is conducted is broadly catholic and not narrowly denominational.

THE PURPOSE OF THE SCHOOL OF RELIGION

Christian work has now expanded to the extent that it covers far more than the work of a preacher or minister. The School of Religion of Duke University purposes to offer training for all types of Christian service. This includes missionaries, teachers of Bible and other religious subjects in the schools and colleges of the Church, directors of religious education, and social workers.

REQUIREMENTS FOR ADMISSION

Candidates for matriculation must be graduates of colleges of recognized standing. They will be admitted without examination on presentation of an official transcript of all college credits and such other credits as they may have secured. This applies to students coming from foreign countries as well as to students from institutions in the United States. They must satisfy the Faculty as to their Christian character and purpose. To this end a letter regarding a student's character and purpose from the pastor of his home church, a church official, or some faculty member in the college where he did his undergraduate work, should be presented at the time of admission. Women will be admitted on the same conditions as men.

PART-TIME SCHEDULES

Students who are not giving full time to their studies in the School of Religion may carry only limited schedules of class work.

REQUIREMENTS FOR GRADUATION

The requirements for the degree of Bachelor of Divinity are ninety semester-hours, six semester-hours of which shall be covered by the writing of an adequate thesis, either in a thesis seminar or under supervised thesis guidance. The course is planned to cover three years, of two semesters each, and students are urged to plan to spend in their theological studies the full time thus designated. Students coming from colleges where departments of religion are maintained may be admitted to advanced courses in the departments of the School of Religion in which they have done previous work as undergraduates. In no case will the degree of Bachelor of Divinity be conferred on a student until he has spent at least two full semesters in residence in the School of Religion, and has satisfactorily completed a minimum of twenty-four semester-hours of work.

THESIS

A thesis is required of all candidates for the degree of Bachelor of Divinity. It shall be of such a character as shall evidence a knowledge of the methods of research and an ability to conduct independent investigations. It shall be written upon some topic in the major field of study. The candidate is responsible for the selection of a suitable subject, which must be approved by the professor in charge of the major field, and must be filed with the Dean of the School of Religion on or before October 5 of the academic year in which it is expected that the degree will be conferred. Following the submission and approval of the subject of the thesis no changes shall be permitted, except changes for the purpose of clarification or limitation of the subject. A student who does not complete his thesis within a period of three years from the date of the approval of his subject must secure a reapproval of the old subject or the approval of a new subject. The thesis shall be prepared under the supervision and guidance of the professor in charge of the major field. No student shall be allowed to write his thesis *in absentia* except on the approval of the Committee on Theses upon the recommendation of the professor in charge of the thesis. In all such cases regular reports as to the progress of the thesis must be made to the professor in charge, as often as he may deem wise.

The thesis shall be read by a committee of three members of the Faculty of the School of Religion, one of whom shall be the professor under whose direction the thesis has been written, and two other members appointed by the Dean, one of whom shall be of a department other than that in which the thesis is written. Each candidate shall be examined orally on his thesis by the committee appointed to read it, said examination not to exceed one hour in length. The thesis must be satisfactory to a majority of the members of the Examining Committee, including the representative of the department in which the thesis was written.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF DIVINITY

GENERAL REQUIREMENTS

Ninety semester-hours are required for graduation. Forty-two of these must be the following:

Old Testament	6 s.h.
New Testament	6 s.h.
Christian Doctrine	6 s.h.
Church History	6 s.h.
Homiletics and Practical Theology	6 s.h.
Religious Education	3 s.h.
Psychology of Religion	3 s.h.
History of Religion and Missions	6 s.h.
	42 s.h.

MAJORS AND THESES

Each student must select a major field in which he elects to write his thesis and in which he must take twelve semester-hours in addition to the general requirement in that field. This choice must be made by the end of the Middle year. A student may take his major in any of the departments of the School of Religion. He may also take his major in English Bible. To major in that field, he must complete in addition to the required work in the Departments of Old Testament and New Testament nine semester-hours in the Department of Old Testament and nine semester-hours in the Department of New Testament, exclusive of language.

12 s.h.

FREE ELECTIVES

Thirty-six semester-hours are designated as free electives. These are to be elected by the student, subject to the approval of the Faculty.

36 s.h.

90 s.h.

DISTRIBUTION OF COURSES BY YEARS

JUNIOR YEAR

Old Testament	6 s.h.
New Testament	6 s.h.
Church History	6 s.h.

The remaining twelve semester-hours shall be chosen from the remaining required courses or their normal sequences in the Departments of Homiletics and Practical Theology, Religious Education, Psychology of Religion, History of Religion and Missions, but not more than six semester-hours shall be taken in one department. Students desiring courses in Greek and Hebrew may secure a suitable rearrangement of the distribution of courses by years on approval of the Registration Committee.

12 s.h.

30 s.h.

MIDDLE YEAR

Christian Doctrine	6 s.h.
After completing all other required courses, the remainder of the work of this year is elective, but not more than twelve semester-hours shall be taken in one department.	24 s.h.
	<hr/> 30 s.h.

SENIOR YEAR

In the Senior year the student must fulfill all general requirements not completed in the Junior and Middle years. The remainder of the work is elective.	30 s.h.
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TABLE OF REQUIRED COURSES

OLD TESTAMENT

203-204. Introduction to the Old Testament	6 s.h.
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NEW TESTAMENT

213-214. The Beginnings of Christianity	6 s.h.
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CHRISTIAN DOCTRINE

321. Introduction to the Science of Theology	3 s.h.
322. The Content of Christian Doctrine	3 s.h.

CHURCH HISTORY

233. Church History to the Reformation	3 s.h.
234. The History of the Evangelical Movement	3 s.h.

HOMILETICS AND PRACTICAL THEOLOGY

341. Homiletics, <i>and either</i>	3 s.h.
251. The Rural Church and Sociology, <i>or</i>	3 s.h.
252. Rural Church Administration, <i>or</i>	3 s.h.
342. Sermon Construction, <i>or</i>	3 s.h.
343. Pastoral Psychology, <i>or</i>	3 s.h.
344. Psychology of Preaching, <i>or</i>	3 s.h.
355. Public Worship and Ordinances of the Church, <i>or</i>	3 s.h.
356. The Church's Service to the Community	3 s.h.

RELIGIOUS EDUCATION

261. Foundations of Religious Education, <i>or</i>	3 s.h.
262. Organization of Religious Education	3 s.h.

PSYCHOLOGY OF RELIGION

275. Introduction to the Psychology of Religion	3 s.h.
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HISTORY OF RELIGION AND MISSIONS

SR282. Living Religions of the World, <i>and</i>	3 s.h.
SR385. Missionary Promotion	3 s.h.

COURSES OF INSTRUCTION*

(This is a condensed description of courses. For a full description, see Bulletin of the School of Religion.)

OLD TESTAMENT

- 201-202. **Elementary Hebrew.**—6 s.h. ASSISTANT PROFESSOR STINESPRING
- 203-204. **Introduction to the Old Testament.**—6 s.h. ASSISTANT PROFESSOR STINESPRING
301. **Old Testament Theology.**—Prerequisite: Old Testament 203-204. 3 s.h. PROFESSOR RUSSELL
302. **The Exegesis of Selected Books of the Old Testament.**—Prerequisite: Old Testament 203-204. 3 s.h. ASSISTANT PROFESSOR STINESPRING
- 307-308. **Advanced Hebrew.**—6 s.h. ASSISTANT PROFESSOR STINESPRING
309. **Ancient Oriental History.**—3 s.h. ASSISTANT PROFESSOR STINESPRING
310. **Old Testament Prophecy.**—3 s.h. ASSISTANT PROFESSOR STINESPRING
[Not offered in 1937-38]
- 401-402. **Thesis Seminar.**—Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis. DEPARTMENTAL STAFF

NEW TESTAMENT

- SR211-212. **Hellenistic Greek.**—6 s.h., provided the student takes six semester-hours in New Testament Greek the following year. ASSISTANT PROFESSOR CLARK
- 213-214. **The Beginnings of Christianity.**—6 s.h. PROFESSOR RUSSELL
217. **The New Testament in Greek.**—Prerequisite: six semester-hours study of the Greek language. 3 s.h. ASSISTANT PROFESSOR CLARK
218. **Galatians and I Corinthians.**—Prerequisite: New Testament 217 or its equivalent. 3 s.h. ASSISTANT PROFESSOR CLARK
219. **Life of Paul.**—3 s.h. PROFESSOR MYERS
220. **I Peter and the Gospel of John.**—Prerequisite: New Testament 217 or its equivalent. 3 s.h. ASSISTANT PROFESSOR CLARK
[Not offered in 1937-38]
311. **The Life and Teachings of Jesus.**—Prerequisite: New Testament 213-214. 3 s.h. ASSISTANT PROFESSOR CLARK
312. **New Testament Theology.**—Prerequisite: New Testament 213-214. 3 s.h. PROFESSOR RUSSELL

* On recommendation of the professor in charge of the major field courses offered in the Graduate School of Arts and Sciences, other than those approved for credit in the School of Religion, may be approved for credit in individual cases, provided no equivalent course is offered in the School of Religion; each case to be decided on its merits.

315. Hellenistic Religions at the Beginning of the Christian Era.—Prerequisite: New Testament 213-214. 3 s.h. ASSISTANT PROFESSOR CLARK
[Not offered in 1937-38]

316. Judaism at the Beginning of the Christian Era.—Prerequisite: New Testament 213-214. 3 s.h. PROFESSOR BRANSCOMB
[Not offered in 1937-38]

318. Text of New Testament.—Prerequisite: New Testament 213-214 and a reading knowledge of Greek. 3 s.h. ASSISTANT PROFESSOR CLARK
[Not offered in 1937-38]

411-412. Thesis Seminar.—Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.

DEPARTMENTAL STAFF

CHRISTIAN DOCTRINE

321. Introduction to the Science of Theology.—3 s.h. PROFESSOR ROWE

322. The Content of Christian Doctrine.—3 s.h. PROFESSOR ROWE

323. Theology in Ancient and Medieval Christianity.—Prerequisite: Christian Doctrine 321-322. 3 s.h. PROFESSOR ROWE

324. Theology in Modern Christianity.—Prerequisite: Christian Doctrine 321-322. PROFESSOR ROWE

325. Soteriology.—Prerequisite: Christian Doctrine 321-322. 3 s.h. PROFESSOR ROWE

326. Eschatology.—Prerequisite: Christian Doctrine 321-322. 3 s.h. PROFESSOR ROWE

327. Arminian Theology.—Prerequisite: Christian Doctrine 321-322. 3 s.h. PROFESSOR ROWE
[Not offered in 1937-38]

328. Current Theology.—Prerequisite: Christian Doctrine 321-322. 3 s.h. PROFESSOR ROWE
[Not offered in 1937-38]

421-422. Thesis Seminar.—Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.

301.—Old Testament Theology.—3 s.h. PROFESSOR RUSSELL

312. New Testament Theology.—3 s.h. PROFESSOR RUSSELL

CHURCH HISTORY

233. Church History to the Reformation.—3 s.h. ASSISTANT PROFESSOR PETREY

234. History of the Evangelical Movement.—3 s.h. PROFESSOR GARBER

331. The Social Message of the Early and Medieval Church.—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETREY

332. The Medieval Church.—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETREY

333. Protestantism and Catholicism in Europe since 1800.—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
[Not offered in 1937-38]

334. **The Church in America: The National Period.**—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER

335. **Modern Religious Leaders.**—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER

336. **Religious Leaders of the Early and Medieval Church.**—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETREY

338. **Religion in the Southern States since the Civil War.**—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
[Not offered in 1937-38]

339. **Seminar in Methodism.**—Prerequisite: Church History 233-234. 2 s.h. PROFESSOR GARBER

431-432. **Thesis Seminar.**—Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.

PROFESSOR GARBER

HOMILETICS AND PRACTICAL THEOLOGY

SR341. **Homiletics.**—3 s.h. PROFESSOR MYERS

SR342. **Sermon Construction.**—3 s.h. PROFESSOR MYERS

343. **Pastoral Psychology.**—3 s.h. PROFESSOR HICKMAN
[Not offered in 1937-38]

344. **The Psychology of Preaching.**—3 s.h. PROFESSOR HICKMAN
[Not offered in 1937-38]

351. **The Rural Church and Sociology.**—3 s.h. PROFESSOR ORMOND

352. **Rural Church Administration.**—3 s.h. PROFESSOR ORMOND

SR353-354. **Practicum on Rural Church Work.**—2 s.h. PROFESSOR ORMOND

SR355. **Public Worship and Ordinances of the Church.**—3 s.h. PROFESSOR ORMOND
[Not offered in 1937-38]

SR356. **The Church's Service to the Community.**—3 s.h. PROFESSOR ORMOND
[Not offered in 1937-38]

SR358a. **Church Music.**—2 s.h. MR. BARNES

SR358b. **Church Architecture.**—1 s.h. MR. HAINES

451. **Thesis Seminar.**—Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.

DEPARTMENTAL STAFF

*220. **Rural Sociology.**—3 s.h. ASSISTANT PROFESSOR THOMPSON

RELIGIOUS EDUCATION

261. **Foundations of Religious Education.**—3 s.h. PROFESSOR SMITH

262. **Organization of Religious Education.**—3 s.h. PROFESSOR SPENCE

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

263. Curriculum of Religious Education.—3 s.h. PROFESSOR SPENCE
267. Technic of Teaching Religion.—3 s.h. PROFESSOR SPENCE
[Not offered in 1937-38]
- SR265. Religious Drama.—3 s.h. PROFESSOR SPENCE
- SR268. Drama Construction and Production.—3 s.h. PROFESSOR SPENCE
266. Educational Aspects of Worship.—3 s.h. PROFESSOR SMITH
[Not offered in 1937-38]
362. Ethical Theory of Christian Education.—Prerequisite: Religious Education 261 or its equivalent. 3 s.h. PROFESSOR SMITH
- 363-364. Religious Thought in the Rise of American Culture.—Prerequisite: Religious Education 261 or its equivalent. 6 s.h. PROFESSOR SMITH
365. Seminar in Character Education and the State.—Prerequisite: Religious Education 261 or its equivalent. 2 s.h. PROFESSOR SMITH
366. Seminar in Philosophy of Religious Education.—Prerequisite: Religious Education 261 or its equivalent. 2 s.h. PROFESSOR SMITH
- 461-462. Thesis Seminar.—Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.
DEPARTMENTAL STAFF

PSYCHOLOGY OF RELIGION

275. Introduction to the Psychology of Religion.—3 s.h. PROFESSOR HICKMAN
276. Advanced Psychology of Religion.—Prerequisite: Psychology of Religion 275 or its equivalent. 3 s.h. PROFESSOR HICKMAN
371. The Genetic Psychology of Religion.—Prerequisite: Psychology of Religion 275 or its equivalent. 3 s.h. PROFESSOR HICKMAN
372. Mysticism in Religion.—Prerequisite: Psychology of Religion 275 or its equivalent. 3 s.h. PROFESSOR HICKMAN
373. Pastoral Psychology.—3 s.h. PROFESSOR HICKMAN
[Not offered in 1937-38]
374. Psychology of Preaching.—3 s.h. PROFESSOR HICKMAN
[Not offered in 1937-38]
- 377-378. Seminar: Theories of Self.—4 s.h. PROFESSOR HICKMAN
- 471-472. Thesis Guidance.—Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis.
PROFESSOR HICKMAN

*201. Social Psychology.—2 s.h. PROFESSOR McDUGALL

*223. Abnormal Psychology.—3 s.h. ASSOCIATE PROFESSOR LUNDHOLM

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

*219. **History of Psychology.**—2 s.h. PROFESSOR McDUGALL
[Not offered in 1937-38]

*228. **Psychology of Belief.**—2 s.h. ASSOCIATE PROFESSOR LUNDHOLM

HISTORY OF RELIGION AND MISSIONS

SR282. **Living Religions of the World.**—3 s.h. PROFESSOR CANNON

283. **Expansion of Christianity.**—3 s.h. PROFESSOR CANNON
[Courses 283 and 382 are offered in alternate years.]

285. **The Religions of Eastern Asia.**—3 s.h. PROFESSOR CANNON
[Not offered in 1937-38]

286. **The Religions of India.**—3 s.h. PROFESSOR CANNON
[Courses 285 and 286 are offered in alternate years.]

382. **Comparative Religion.**—Prerequisite: course 282. 3 s.h.
PROFESSOR CANNON

383. **Buddhism.**—Prerequisite: course 282. 3 s.h. PROFESSOR CANNON

384. **Mohammedanism.**—Prerequisite: course 282. 3 s.h. PROFESSOR CANNON
[Courses 383 and 384 are offered in alternate years.]

SR385. **Missionary Promotion.**—3 s.h. PROFESSOR CANNON

481-482. **Thesis Seminar.**—Prerequisite: six semester-hours in the department. Upon the satisfactory completion of the thesis the student receives six semester-hours credit for the thesis. PROFESSOR CANNON

PHILOSOPHY

*203. **The Philosophy of Conduct.**—Prerequisite: 6 s.h. in philosophy. 3 s.h. ASSOCIATE PROFESSOR MORGAN

*204. **Christian Ethics.**—Prerequisite: one course in ethics or permission of the instructor. 3 s.h. DR. McLARTY

*209. **Philosophy of Religion I.**—3 s.h. PROFESSOR WIDGERY
[Not offered in 1937-38]

*210. **Philosophy of Religion II.**—3 s.h. PROFESSOR WIDGERY

SOCIOLOGY

SR202. **Sociology and Religion.**—3 s.h. PROFESSOR JENSEN

205. **Social Pathology.**—3 s.h. PROFESSOR JENSEN

206. **Criminology.**—3 s.h. PROFESSOR JENSEN

212. **Child Welfare.**—3 s.h. PROFESSOR JENSEN
[Not offered in 1937-38]

217. **General Anthropology.**—3 s.h. PROFESSOR ELLWOOD

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

218. Cultural Anthropology.—3 s.h.

PROFESSOR ELLWOOD

*219. Urban Sociology.—3 s.h.

ASSISTANT PROFESSOR THOMPSON

*220. Rural Sociology.—3 s.h.

ASSISTANT PROFESSOR THOMPSON

*242. Marriage and the Family.—2 s.h.

PROFESSOR GROVES

319. Principles of Sociology.—Prerequisite: permission of the instructor.
3 s.h.

PROFESSOR ELLWOOD

320. History of Social Philosophy.—Prerequisite: permission of the instructor. 3 s.h.

PROFESSOR ELLWOOD

* Courses offered in the Graduate School of Arts and Sciences which are credited toward the degree of Bachelor of Divinity.

GENERAL INFORMATION

FEES

Tuition is remitted to students matriculated in the School of Religion, for which they are expected to render from time to time service which shall not interfere with their work in the School of Religion.

Each student is assessed per semester as follows:

Matriculation fee	\$25.00
Library fee	5.00
Athletic fee	5.00
Publication fee (optional)	2.50
Hospital fee	5.00
Damage fee	1.00

Each student is assessed, in the last semester before a degree is conferred, a commencement fee of \$3.00 and a diploma fee of \$5.00. The latter fee is refunded if the diploma is not awarded.

THE LIBRARY

The School of Religion has its own library, conveniently housed in the School of Religion Building. The Library, which contains materials dealing with the subject of religion, already numbers nearly thirty thousand volumes. It has been carefully selected and is the equivalent in working efficiency of many libraries which are much larger. It is already rich in complete files of the more important journals and periodicals, in sets containing source materials for the study of the history of religion and missions, in facsimiles of the more important manuscripts of the New Testament, and in source materials in the field of American church history. The Library is being rapidly expanded. Two private libraries of note have been purchased, one of the late Dr. Graf von Baudissin, Professor of Old Testament at the University of Berlin, and the other of the late Dr. Karl Holl, Professor of Church History in the same university, and these have added valuable material in these fields. One of the outstanding possessions of the Library is a magnificent Greek manuscript of the thirteenth or fourteenth centuries containing the entire text of the New Testament.

JUNALUSKA SCHOOL OF RELIGION

ANNOUNCEMENT

The tenth session of the Junaluska School of Religion was held at Lake Junaluska, North Carolina, from June 10 to July 20, 1937, in connection with the Junaluska Summer School, Inc. It was conducted under the joint management of Duke University and the Board of Christian Education with the co-operation of the Board of Missions and other boards of the Methodist Episcopal Church, South.

The purpose is to conduct a summer school of religion to meet the growing demand for advanced study in the Bible, theology, religious education, missions, and allied subjects.

There are two classes of students: those who are graduates of high schools and who may have had one or more years in college, and those who are graduates of colleges. The School is open to men and women. The credits secured for work done are Duke University credits, and count toward the A.B. and B.D. degrees.

INSTRUCTORS

ELMER TALMAGE CLARK, A.B., M.A., B.D., S.T.D., LL.D.

Assistant Secretary, Board of Missions

METHODIST EPISCOPAL CHURCH, SOUTH

KENNETH WILLIS CLARK, A.B., B.D., Ph.D.

Instructor in New Testament

DUKE UNIVERSITY

MASON CRUM, A.B., Ph.D.

Assistant Professor of Biblical Literature

DUKE UNIVERSITY

PAUL NEFF GARBER, A.B., A.M., Ph.D.

*Professor of Church History and Director of the Junaluska
School of Religion*

DUKE UNIVERSITY

HIRAM EARL MYERS, A.B., S.T.B., S.T.M.

Professor of English Bible

DUKE UNIVERSITY

COURSES

Courses will be offered meeting five times a week for eighty-minute periods. Each course, satisfactorily completed, will receive a credit of three semester-hours in Duke University. Two such courses may be taken

by each student. The courses offered are divided into two groups. The first group consists of courses for college undergraduates who are graduates of high schools and who desire credits looking toward the A.B. degree. The second group consists of courses for college graduates who desire credits looking toward the B.D. degree. These courses may also be taken by college undergraduates who have completed the Junior year and who are ranked as incoming Seniors in college.

GROUP I

FOR COLLEGE UNDERGRADUATES

S54. Great Epochs in Church History.	MR. E. T. CLARK
S129. Character Problems.	MR. CRUM
S170. Religion and the Modern Home.	MR. CRUM

GROUP II

FOR COLLEGE GRADUATES
AND FOR COLLEGE SENIORS

S206. The Message of the Hebrew Prophets.	MR. K. W. CLARK
S207. The Ethical Ideals of Judaism.	MR. K. W. CLARK
S219. Life of Paul.	MR. MYERS
S237. Methodism.	MR. GARBER
S241. Homiletics.	MR. MYERS

THE SUMMER SCHOOL

1937

First Term: June 9 to July 20

Second Term: July 1 to Aug. 11

Third Term: July 21 to Aug. 31

JUNALUSKA SUMMER SCHOOL, INC.

(AFFILIATED WITH DUKE UNIVERSITY)

AND

JUNALUSKA SCHOOL OF RELIGION

LAKE JUNALUSKA, N. C.

June 10 to July 20

OFFICERS OF ADMINISTRATION

WILLIAM PRESTON FEW, A.B., A.M., Ph.D., Litt.D., Ed.D., LL.D.
PRESIDENT OF DUKE UNIVERSITY

ROBERT LEE FLOWERS, A.M., LL.D.,
VICE-PRESIDENT OF DUKE UNIVERSITY AND MEMBER OF THE FACULTY
COMMITTEE ON THE SUMMER SCHOOL

WILLIAM HANE WANNAMAKER, A.B., A.M., Litt.D.,
VICE-PRESIDENT OF DUKE UNIVERSITY AND MEMBER OF THE FACULTY
COMMITTEE ON THE SUMMER SCHOOL

HOLLAND HOLTON, A.B., J.D.,
DIRECTOR OF THE SUMMER SCHOOL AND CHAIRMAN OF THE FACULTY
COMMITTEE ON THE SUMMER SCHOOL

WILLIAM KENNETH BOYD, A.B., A.M., Ph.D.,
MEMBER OF THE FACULTY COMMITTEE OF THE SUMMER SCHOOL

ARTHUR MARCUS PROCTOR, A.B., A.M., Ph.D.,
ASSOCIATE DIRECTOR OF THE SUMMER SCHOOL

WILLIAM HENRY GLASSON, Ph.B., Ph.D.,
DEAN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES

ALICE MARY BALDWIN, A.B., A.M., Ph.D.,
DEAN OF THE WOMAN'S COLLEGE

WALTER KIRKLAND GREENE, A.B., A.M., Ph.D.,
DEAN OF UNDERGRADUATE INSTRUCTION

MARY GRACE WILSON, A.B.,
SOCIAL DIRECTOR AND ACTING DEAN OF WOMEN

GRACE LAWRENCE
(Dean, Salem College),
ASSISTANT DEAN OF WOMEN (Second Term)

MAY McLELLAND, A.B., M.S.
(Dean, Peace Junior College),
SOCIAL DIRECTOR AND ACTING DEAN OF WOMEN (Third Term)

FLORA MARIE MEREDITH, A.B.
(Dean of Women, Hendrix College, Arkansas),
ASSISTANT DEAN OF WOMEN (in charge of East Campus)

FACULTY OF THE SUMMER SCHOOL

- BIGELOW, LUCIUS AURELIUS; S.B., Massachusetts Institute of Technology; Ph.D., Yale; CHEMISTRY (Duke University).
- BIRD, HAROLD CRUSIUS; Ph.B., C.E., Yale; CIVIL ENGINEERING (Duke University).
- BOYD, WILLIAM KENNETH; A.B., A.M., Duke; Ph.D., Columbia; HISTORY (Duke University).
- BROWNELL, WILLIAM ARTHUR; A.B., Allegheny College; A.M., Ph.D., University of Chicago; EDUCATIONAL PSYCHOLOGY (Duke University).
- CANNON, JAMES, III; A.B., Duke; A.M., Princeton; Th.B., Th.M., Princeton Theological Seminary; Edinburgh University, 1919; Garrett, 1924; RELIGION (Duke University).
- CARR, JOHN WINDER, JR.; A.B., Duke; A.M., Ph.D., Columbia; EDUCATION (Duke University).
- CHILDS, BENJAMIN GUY; A.B., A.M., University of Virginia; University of Virginia, 1921-22; EDUCATION (Duke University).
- COWPER, FREDERICK AUGUSTUS GRANT; A.B., A.M., Trinity (Conn.); University of Strassburg, 1906-07; University of Geneva, 1907-08; Ph.D., University of Chicago; FRENCH (Duke University).
- CUNNINGHAM, BERT; B.S., M.S., Illinois Wesleyan; A.M., Duke; Ph.D., University of Wisconsin; ZOOLOGY (Duke University).
- ELLIOTT, WILLIAM WHITFIELD; B.A., Hampden-Sydney College; M.A., University of Kentucky; Ph.D., Cornell; MATHEMATICS (Duke University).
- ELLWOOD, CHARLES ABRAM; Ph.B., Cornell; Ph.D., University of Chicago; LL.D., Bethany College; SOCIOLOGY (Duke University).
- GILBERT, ALLAN H.; B.A., Cornell; A.M., Yale; Ph.D., Cornell; ENGLISH (Duke University).
- GOHDES, CLARENCE; A.B., Capital; A.M., Ohio State; A.M., Harvard; Ph.D., Columbia; ENGLISH (Duke University).
- HALL, WILLIAM HOLLAND; A.B., A.M., Duke; B.C.E., University of Michigan; M.S.C.E., University of Wisconsin; ENGINEERING (Duke University).
- HAMILTON, EARL JEFFERSON; B.S., Mississippi State College; A.M., Ph.D., Harvard; ECONOMICS (Duke University).
- HARGITT, GEORGE THOMAS; Ph.B., Syracuse; A.M., University of Nebraska; Ph.D., Harvard; ZOOLOGY (Duke University).
- HUBBELL, JAY BROADUS; A.B., University of Richmond; A.M., Harvard; Ph.D., Columbia; ENGLISH (Duke University).
- JENSEN, HOWARD EIKENBERRY; A.B., A.M., University of Kansas; B.D., Ph.D., University of Chicago; SOCIOLOGY (Duke University).

- JORDAN, BRADY RIMBEY; Litt.B., Princeton; Ph.D., University of Wisconsin; FRENCH (Duke University).
- KRUMMEL, CHARLES ALBERT; Ph.B., Central Wesleyan College; Ph.M., Syracuse; Ph.D., University of Wisconsin; University of Marburg, 1910; GERMAN (Duke University).
- LAPRADE, WILLIAM THOMAS; A.B., Washington Christian College; Ph.D., Johns Hopkins; HISTORY (Duke University).
- LUNDEBERG, OLAV K.; A.B., St. Olaf College; A.M., Ph.D., University of Minnesota; Université de Montpellier, 1918; Centro de Estudios Históricos, Madrid, 1929; SPANISH (Duke University).
- MAUGHAN, WILLIAM; B.S., University of Minnesota; M.F., Yale; FORESTRY (Duke University).
- MITCHELL, FRANK KIRBY; A.B., Millsaps; A.M., University of Michigan; Oriel College, Oxford, 1921-24; ENGLISH (Duke University).
- ORMOND, JESSE MARVIN; A.B., Duke; B.D., Vanderbilt; RELIGION (Duke University).
- PEARSE, ARTHUR SPERRY; B.S., A.M., University of Nebraska; Ph.D., Harvard; ZOOLOGY (Duke University).
- RANKIN, ROBERT STANLEY; A.B., Tusculum College; A.M., Ph.D., Princeton; POLITICAL SCIENCE (Duke University).
- RANKIN, WILLIAM WALTER; B.E., North Carolina State College of Agriculture and Engineering; A.M., University of North Carolina; Harvard, 1914-15; Columbia, 1919-21; MATHEMATICS (Duke University).
- SCHUMACHER, FRANCIS X.; B.S., University of Michigan; FORESTRY (Duke University).
- SHRYOCK, RICHARD HARRISON; B.S.Ed., Ph.D., University of Pennsylvania; HISTORY (Duke University).
- SMITH, HILRIE SHELTON; A.B., Elon College; Ph.D., Yale; D.D., DePauw College; RELIGIOUS EDUCATION (Duke University).
- SPENCE, HERSEY EVERETT; A.B., A.M., B.D., Duke; RELIGION (Duke University).
- SYDNOR, CHARLES SACKETT; A.B., Hampden-Sydney College; Ph.D., Johns Hopkins; HISTORY (Duke University).
- VOSBURGH, WARREN CHASE; B.S., M.S., Union College; Ph.D., Columbia; CHEMISTRY (Duke University).
- WEBB, ALBERT MICAHAH; A.B., A.M., Yale; Sorbonne (Paris) and Madrid, 1907-08; Sorbonne, 1923; FRENCH (Duke University).
- WHITE, NEWMAN IVEY; A.B., A.M., Duke; A.M., Ph.D., Harvard; ENGLISH (Duke University).
- WILSON, ROBERT NORTH; A.B., Haverford College; M.S., University of Florida; Harvard, 1905-06; University of Illinois, 1923-24; Yale, 1931-32; CHEMISTRY (Duke University).
- WILSON, ROBERT RENBERT; A.B., Austin College; A.M., Princeton; Ph.D., Harvard; POLITICAL SCIENCE (Duke University).

- ADAMS, DONALD KEITH; A.B., Pennsylvania State College; A.M., Harvard; Ph.D., Yale; **PSYCHOLOGY** (Duke University).
- ADDOMS, RUTH MARGERY; A.B., A.M., Wellesley; Ph.D., University of Wisconsin; **BOTANY** (Duke University).
- BAUGH, ALBERT CROLL; A.B., A.M., Ph.D., University of Pennsylvania; **ENGLISH** (University of Pennsylvania).
- BAYNE, THOMAS L.; B.S., North Carolina State College; M.S., Ph.D., Cornell; **EDUCATIONAL PSYCHOLOGY** (Cornell University).
- BOYER, PHILIP ALBERT; A.B., Temple; A.M., Ph.D., University of Pennsylvania; **PUBLIC SCHOOL ADMINISTRATION** (Director of Educational Research, Philadelphia Public Schools).
- BRADLEY, EDWARD SCULLEY; A.B., A.M., Ph.D., University of Pennsylvania; **ENGLISH** (University of Pennsylvania).
- CALLCOTT, WILFRID HARDY; A.B., Southwestern; M.A., Ph.D., Columbia; **HISTORY** (University of South Carolina).
- CARLITZ, LEONARD; A.B., Ph.D., University of Pennsylvania; **MATHEMATICS** (Duke University).
- CARMICHAEL, OMER; A.B., University of Alabama; A.M., Columbia; Columbia, 1930-32; **PUBLIC SCHOOL ADMINISTRATION** (Superintendent of Lynchburg, Va., City Schools).
- DOUGLAS, OSCAR BERRY; A.B., Texas Christian; A.M., University of Texas; Ph.D., University of Chicago; **EDUCATIONAL PSYCHOLOGY** (University of Texas).
- EASLEY, HOWARD; A.B., Union University, Tenn; A.M., Ph.D., George Peabody College; **EDUCATIONAL PSYCHOLOGY** (Duke University).
- EELLS, HASTINGS; A.B., Clark; A.M., B.D., Princeton; Ph.D., Yale; Brussels, 1921-22; Ghent, 1928-29; **HISTORY** (Ohio Wesleyan University).
- GARDINER, ANN HENSHAW; R.N.; Grad. Shepherd Normal School (W. Virginia); B.S., Columbia; University of Washington Medical School of Hygiene, 1924-25; M.S., Kansas State College; **HYGIENE** (Duke University).
- GRAY, CLARENCE TRUMAN; A.B., Indiana; A.M., Ph.D., University of Chicago; **EDUCATIONAL PSYCHOLOGY** (University of Texas).
- GRAY, IRVING EMERY; B.S., Massachusetts State College; M.S., Ph.D., University of Wisconsin; **ZOOLOGY** (Duke University).
- GRIFFITH, REGINALD HARVEY; M.A., Litt.D., Furman; Ph.D., Chicago; **ENGLISH** (University of Texas).
- GRIGGS, EARL LESLIE; B.A., University of Colorado; M.A., Columbia; Ph.D., University of London; **ENGLISH** (University of Michigan).
- GWYNN, JOHN MINOR; A.B., A.M., University of North Carolina; Ph.D., Yale; **EDUCATION** (University of North Carolina).
- GWYNN, PRICE HENDERSON, JR.; A.B., A.M., University of North Carolina; B.D., Yale Divinity School; Ph.D., Yale; **EDUCATION** (Davidson College).

- HAUSER, CHARLES ROY; B.S., M.S., University of Florida; Ph.D., University of Iowa; CHEMISTRY (Duke University).
- HIGHSMITH, JOHN HENRY; A.B., A.M., Duke; Columbia, 1904-06; LL.D., Catawba College; D.Ed., Wake Forest College; PUBLIC SCHOOL ADMINISTRATION (Director, Division of Instructional Service, North Carolina Department of Public Instruction).
- HILL, HENRY HARRINGTON; A.B., A.M., University of Virginia; Ph.D., Columbia; PUBLIC SCHOOL ADMINISTRATION (Superintendent of Lexington, Ky., Schools).
- HILLMAN, JAMES ELGAR; B.Ped., Berea College; B.S., A.M., Ph.D., George Peabody College; EDUCATION (Director, Division of Professional Service, North Carolina Department of Public Instruction).
- HINSON, MURPHY ROY; A.B., University of Florida; M.A., Ph.D., George Peabody College; EDUCATION (Florida State College for Women).
- HOLLIS, ERNEST VICTOR; B.S., M.S., Mississippi State College; A.M., Columbia; George Peabody College, 1926-27; Columbia University, 1935-36; SECONDARY EDUCATION (College of the City of New York).
- HUGHES, MERRITT YERKES; A.B., Boston University; M.A., Edinburgh University; Ph.D., Harvard; ENGLISH (University of Wisconsin).
- JENKINS, RAYMOND; A.B., Cornell; Ph.D., Yale; ENGLISH (Catawba College).
- JORDAN, ARCHIBALD CURRIE; A.B., Duke; A.M., Columbia; Columbia, 1924-25; ENGLISH (Duke University).
- KRAMER, PAUL JACKSON; A.B., Miami (Ohio); M.S., Ph.D., Ohio State University; BOTANY (Duke University).
- LANDON, CHARLES E.; A.B., A.M., University of Kansas; Ph.D., University of Illinois; GEOGRAPHY (Duke University).
- LANNING, JOHN TATE; A.B., Duke; A.M., University of California; University of London, 1926-27; Ph.D., University of California; HISTORY (Duke University).
- MCLEAN, ROSS HANLIN; A.B., Cornell; A.M., Ph.D., University of Michigan; HISTORY (Emory University).
- MANCHESTER, ALAN KREBS; A.B., Vanderbilt; A.M., Columbia; Ph.D., Duke; HISTORY (Duke University).
- MARBERRY, JAMES OSCAR; A.B., Ewing College; A.M., Ph.D., University of Wisconsin; EDUCATION (University of Texas).
- MILES, EDWARD ROY CECIL; B.S., Georgia School of Technology; A.M., Harvard; Ph.D., Rice Institute; MATHEMATICS (Duke University).
- NIELSEN, WALTER McKINLEY; B.S., Ph.D., University of Minnesota; PHYSICS (Duke University).
- ODELL, CHARLES WATTERS; A.B., A.M., DePauw; Ph.D., University of Illinois; EDUCATIONAL PSYCHOLOGY (University of Illinois).

- PATTON, LEWIS; A.B., Furman; Yale, 1923-26; ENGLISH (Duke University).
- QUYNN, DOROTHY MACKAY; A.B., A.M., University of California; Docteur de l'Université de Paris; HISTORY (Duke University).
- RATCHFORD, BENJAMIN ULYSSES; B.S., Davidson; A.M., Ph.D., Duke; ECONOMICS (Duke University).
- ROBERTS, JOHN HENDERSON; A.B., Ph.D., University of Texas; National Research Fellow, University of Pennsylvania, 1929-30; MATHEMATICS (Duke University).
- SAYLOR, JOHN HENRY; A.B., Southern Methodist University; A.M., Ph.D., Duke; CHEMISTRY (Duke University).
- SCATES, DOUGLAS EDGAR; A.B., Whitworth; Ph.D., University of Chicago; EDUCATION (Director of Research and Statistics, Cincinnati Public Schools).
- SCHUTTE, TENJES HENRY; A.B., A.M., University of Illinois; Ph.D., University of Chicago; EDUCATION (Huntingdon College).
- SHIELDS, JOHN HERMAN; A.B., A.M., University of Texas; Columbia, 1924-26; ACCOUNTING (Duke University).
- SLAY, RONALD JAMES; B.S., University of Mississippi; A.M., Ph.D., Columbia; TEACHING OF SCIENCE (East Carolina Teachers College).
- SMITH, CULVER HAYGOOD; A.B., Duke; A.M., Yale; Ph.D., Duke; HISTORY (University of Chattanooga).
- SPENCER, HAZELTON; A.B., Boston University; A.M., Ph.D., Harvard University; ENGLISH (The Johns Hopkins University).
- STOWE, ANCEL ROY MONROE; Ph.B., A.M., Northwestern; A.M., Harvard; Ph.D., Columbia; EDUCATION (University of New Hampshire).
- THOMPSON, EDGAR TRISTRAM; A.B., University of South Carolina; A.M., University of Missouri; Ph.D., University of Chicago; SOCIOLOGY (Duke University).
- TIREMAN, LOYD SPENCER; B.A., Upper Iowa University; M.A., Ph.D., University of Iowa; EDUCATION (University of New Mexico).
- WALLIN, JOHN EDWARD WALLACE; A.B., Augustana; A.M., Ph.D., Yale; EDUCATIONAL PSYCHOLOGY (Director of Special Education and Mental Hygiene, Delaware State Department of Public Instruction).
- WALTON, LORING BAKER; A.B., Princeton; Harvard, 1917-18; Lic. ès L., Sorbonne; FRENCH (Duke University).
- WILSON, FREDERICK ELIPHAZ; A.B., Oberlin College; A.M., Columbia; University of Leipzig, 1916-17; Harvard, 1922-23; GERMAN (Duke University).
- ZENER, KARL EDWARD; Ph.B., University of Chicago; A.M., Ph.D., Harvard; National Research Fellow in Psychology, University of Berlin, 1926-27; PSYCHOLOGY (Duke University).
- ALLEN, GAY WILSON; A.B., A.M., Duke; Ph.D., University of Wisconsin; ENGLISH (Bowling Green State University).

- ANDERSON, CHARLES ROBERTS; A.B., A.M., University of Georgia; Columbia, 1926-29; ENGLISH (Duke University).
- AVILÉS, LUIS ESTEBAN; A.B., Park College; A.M., University of Kansas; Ph.D., University of Illinois; SPANISH (Duke University).
- BERRY, THOMAS SENIOR; S.B., A.M., Harvard; Harvard, 1932-35; ECONOMICS (Duke University).
- BLACK, MARTIN LEE, JR.; A.B., Duke; M.B.A., Northwestern; C.P.A., Illinois and North Carolina; ACCOUNTING (Duke University).
- BRIDGERS, FURMAN ANDERSON; A.B., Duke; A.M., University of Chicago; University of Chicago, 1928-29, 1933; FRENCH (Duke University).
- BROWN, FRANCES; A.B., Agnes Scott College; Ph.D., Johns Hopkins; CHEMISTRY (Duke University).
- CARNEY, JAMES JOSEPH, JR.; A.B., A.M., Harvard; Duke, 1934-37; ECONOMICS (Duke University).
- CARPENTER, DAVID WILLIAMS; A.B., A.M., Ph.D., Duke; PHYSICS (Duke University).
- CURTIS, KADER RANDOLPH; A.B., Wake Forest College; M.Ed., Duke; EDUCATION (Superintendent of Wilson County and City Schools).
- DAVIS, GIFFORD; A.B., Bowdoin College; A.M., Ph.D., Harvard; FRENCH (Duke University).
- DE VYVER, FRANK TRAVER; A.B., A.M., Oberlin College; A.M., Ph.D., Princeton; ECONOMICS (Duke University).
- DOW, NEAL; A.B., Kenyon College; A.M., University of Pennsylvania; University of Pennsylvania, 1930-33; FRENCH (Duke University).
- DOW, MARIE T. LINIERE; L. es L., M.A., University of Lyon, France; FRENCH (Duke University).
- DRESSEL, FRANCIS GEORGE; B.S., Michigan State College; M.S., University of Michigan; Ph.D., Duke; MATHEMATICS (Duke University).
- DUNN, IONE HENDERSON; A.B., North Carolina College for Women; M.Ed., Duke; EDUCATION (Dean, Asheville Normal and Teachers College).
- ESKRIDGE, THOMAS JOSEPH, JR.; A.B., Emory and Henry College; A.M., George Peabody College; EDUCATION (Duke University).
- GIBSON, WILLIAM MARION; A.B., University of Richmond; A.M., Ph.D., Duke; POLITICAL SCIENCE (Duke University).
- GODARD, JAMES McFATE; A.B., Park College; A.M., Duke; Duke, 1930-31, 1932-36; EDUCATION (Dean, Queens-Chicora College).
- HAGAN, CHARLES BANNER; A.B., Emory and Henry College; A.M., University of Virginia; Ph.D., Duke; POLITICAL SCIENCE (Smith College).
- HARTON, JOHN JAMES; A.B., Hendrix College; A.M., George Peabody College; Duke, 1934-36; PSYCHOLOGY AND EDUCATION (Mary Baldwin College).
- HARWELL, GEORGE CORBIN; A.B., A.M., Duke; Duke, 1935-37; ENGLISH (Duke University).

- HAWKES, EVELYN JONES; A.B., A.M., Duke; Ph.D., University of Pennsylvania; SECONDARY EDUCATION (New Jersey College for Women).
- HILL, DOUGLAS; A.B., Yale; A.M., Ph.D., Princeton; CHEMISTRY (Duke University).
- HOBBS, MARCUS EDWIN; A.B., A.M., Ph.D., Duke; ASSISTANT IN CHEMISTRY (Duke University).
- KEECH, JAMES MAYNARD; A.B., A.M., Duke; Duke, 1930-33; ECONOMICS (Duke University).
- McEWEN, NOBLE RALPH; A.B., Birmingham-Southern College; A.M., Duke; Duke, 1930-32; EDUCATION (Salem College).
- MABRY, WILLIAM ALEXANDER; A.B., A.M., Duke; A.M., Harvard; Ph.D., Duke; HISTORY (Duke University).
- MARKS, SALLIE BELLE; A.B., A.M., Teachers College, Columbia; ELEMENTARY EDUCATION (Salem College).
- MAXWELL, WILLIAM CARY; A.B., A.M., Duke; Ph.D., University of Heidelberg; GERMAN (Duke University).
- MICHAELS, MATILDA OSBORNE; A.B., Duke; A.M., Columbia; ELEMENTARY EDUCATION (Supervisor Durham County Schools).
- PEARSON, CHARLES CHILTON; M.A., Richmond College; Ph.D., Yale; HISTORY (Wake Forest College).
- PERRY, HAROLD SANFORD; A.B., New York State College for Teachers; Ph.D., Cornell; BOTANY (Duke University).
- PORTER, ESTELLE RAWL; A.B., Winthrop College; Smith College, 1922-23; University of Chicago, 1926-27; ELEMENTARY EDUCATION (Queens-Chicora College).
- PRICE, GUY VAUGHN; A.B., William Jewell; A.M., University of Chicago; Ph.D., Duke; SOCIOLOGY (Teachers College of Kansas City).
- PULLIAS, EARL VIVON; A.B., Cumberland; A.M., University of Chicago; Ph.D., Duke; EDUCATION (Duke University).
- QUYNN, WILLIAM ROGERS; B.A., M.A., University of Virginia; Ph.D., Johns Hopkins University; ROMANCE LANGUAGES (Duke University).
- RAYMOND, MARY LOIS; A.B., Mount Holyoke College; A.M., Radcliffe College; University of Wisconsin, 1919-20; University of Madrid and University of Paris, 1921-22; School of International Studies, 1928; FRENCH (Duke University).
- SIMPSON, WILLIAM HAYS; A.B., Tusculum College; A.M., Ph.D., Duke; POLITICAL SCIENCE (Duke University).
- SMITH, ROBERT SIDNEY; A.B., A.M., Amherst College; Ph.D., Duke; ECONOMICS (Duke University).
- WARD, CHARLES EUGENE; A.B., Baker University; A.M., Ph.D., Duke; ENGLISH (Duke University).
- WATSON, KARL BRANTLEY, JR.; B.S., A.B., University of Chattanooga; A.M., Duke; Duke, 1936-37; EDUCATION (Duke University).

- WEST, ALFRED THURBER; B.S., Alabama Polytechnic Institute; A.M., University of Alabama; Teacher's Certificate from American Academy of Dramatic Art; ENGLISH (Duke University).
- WHITE, MARIE ANNE; A.B., A.M., Washington University; ENGLISH (Duke University).
- WOODY, ROBERT HILLIARD; Ph.B., Emory; A.M., Ph.D., Duke; HISTORY (Duke University).
- ALSTON, AUGUSTA MICHAELS; A.B., Duke; DRAWING. (Durham City Schools).
- BARNES, WILLIAM SPEIGHT; A.B., Duke; J.D., University of Arizona; Duke, 1935-37; ASSISTANT IN PHYSICS (Duke University).
- BRIGHT, ROBERT DIETRICH; A.B., Dartmouth College; Duke, 1936-37; ASSISTANT IN CHEMISTRY (Duke University).
- DEANS, EDWINA; A.B., North Carolina College for Women; M.Ed., Duke; ELEMENTARY EDUCATION (Greensboro City Schools).
- HOPKINS, JOHN ISAAC; B.S., A.M., Duke; Duke, 1935-37; ASSISTANT IN PHYSICS (Duke University).
- MASON, MARY LOCHER; Diploma, Maryland Institute; Diploma in Fine Arts, Teachers College, Columbia; DRAWING (Durham City Schools).
- MOORE, FUNICE MARTHA; B.S., Maryland College for Women; M.A., Johns Hopkins; Duke, 1936-37; ASSISTANT IN CHEMISTRY (Duke University).
- PECK, ROBERT LAWRENCE; B.S., Duke; Duke, 1936-37; ASSISTANT IN CHEMISTRY (Duke University).
- TWADDELL, VERA CARR; A.B., Duke; MUSIC (Formerly Supervisor of Music, Durham County Schools).
- VERMILLION, HERBERT EDWARD; B.S., Monmouth College; Duke, 1935-37; ASSISTANT IN CHEMISTRY (Duke University).
- WYCHE, ALMA; A.B., Duke; M.S., Wellesley; PHYSICAL EDUCATION (Duke University).

DUKE UNIVERSITY SUMMER SCHOOL

In 1936 there was a total of 3,055 registrations in Duke University Summer School and affiliated schools. Of these 1,737 students enrolled in the first term of the Duke University Summer School, 360 the second term, and 620 the third term; 193 were enrolled in the Junaluska Summer School, Inc., and Junaluska School of Religion at Lake Junaluska; and 145 were enrolled in the Medical School and the School of Nursing. Deducting from the total number of registrations those who registered for two terms, there were 2,684 students enrolled for either six or twelve weeks in the summer of 1936.

A noteworthy feature of the 1936 enrollment was the large number of graduate students, of whom there were 992 the first term, 180 the second, and 369 the third, admitted on the basis of Bachelor's degrees from 279 different colleges and universities.

CALENDAR AND REGISTRATION: THREE TERMS

In 1937, for the fourth time, the Summer School will operate a mid-summer term, making it possible for students to enter June 9, July 1, or July 21. The first term of Summer School will close July 20, the second term August 11, and the third term August 31. Students desiring to work for twelve weeks should enroll for the first and third terms.

ADMISSION

Applicants for admission must have completed a high-school course. As evidence of this, a teacher's certificate of grade as high as North Carolina elementary will be accepted from teachers with two or more years of experience. Certificates and other credentials must be submitted to the Committee on the Summer School at the time of registration. Students who wish to enroll for graduate credit should submit their credits from other institutions to Dr. William H. Glasson, Dean of the Graduate School, before registration, preferably by mail.

CREDITS

Professional credits towards teachers' certificates are granted by the various state boards of education, each in accordance with its own carefully planned rules. Teachers should consult the rules laid down by their State Board of Education before enrolling for certification credit. Any student, however, whose work is of such quality as to deny him credit toward a degree, fails to receive "professional" credit.

College credits are offered as follows: A course of five hours a week for six weeks counts for two semester-hours of credit, and a course of

seven and one-half hours a week for six weeks counts for three semester-hours of credit, and a course of ten hours a week for six weeks counts for four semester-hours of credit in Duke University. No student is allowed to take more than fifteen hours of work a week without the consent of the Director and of the instructor in whose department the student expects to do his major work.* Except in the case of elementary laboratory science, in which eight semester-hours may be completed in seven weeks, the University will not accept credit beyond six semester-hours earned in one term toward the Bachelor's degree. Graduate students are not under any circumstances permitted to enroll for more than six semester-hours in a summer school of six weeks. They forfeit graduate credit by undertaking more than six semester-hours of work, even though part of the work may carry undergraduate credit only. A student of senior standing, however, may elect as many as eight semester-hours of such elementary-skill work as drawing, public school music, and the like, that do not carry college credit, or courses primarily for Freshmen and Sophomores, and obtain such professional credit as his State Department of Education will allow, not to exceed the maximum eight stated. The North Carolina State Department of Education disapproves of more than seven semester-hours in one term of six weeks.

The nature of the credit allowed for each course is indicated by the number of the course. Courses numbered 1-49 are primarily for Freshmen, or Freshmen and Sophomores; courses numbered 50-99 are ordinarily for Sophomores, or Sophomores and Juniors; courses numbered 100-199 are for Juniors and Seniors; courses numbered from 200-299 are for Seniors and graduates; and courses numbered from 300 up are for graduate students only and are of very limited enrollment. Courses numbered from 200 up are limited in enrollment to twenty-five students, and during the summer consist almost exclusively of graduate students.

Students registered for graduate courses in the Summer School, who desire to have their work credited toward the Master's degree, should also register in the office of the Dean of the Graduate School during the first week of each summer term.

THESIS WRITING IN SUMMER SCHOOL

Since Duke University grants no Master's degree except upon completion of a satisfactory thesis, every candidate for the Master's degree who expects to complete his work in Summer School should as soon as possible after completing his first term of residence choose a field in which he desires to write a thesis and confer with some instructor offering graduate courses in that field. The following points should be kept clearly in mind when arrangements are made for thesis supervision:

1. The subject of the thesis must be approved by the instructor who undertakes the supervision. The instructor's decision as to whether the topic is

* No student liable to suspension from the University under its rules regarding failure is permitted to enroll in the Summer School.

suitable, or the student is prepared to develop it, or the instructor prepared to supervise it, is final.

2. A student may enroll for six semester-hours of residence credit towards a thesis or for less, in one term of six weeks. If he enrolls for only three semester-hours he may enroll also for a course of three semester-hours, but he cannot enroll for a total of more than six semester-hours of credit, including residence toward his thesis. Completion of six semester-hours of residence toward his thesis does not guarantee the satisfactory completion of the thesis, which must be acceptable to the instructor supervising it and to a committee representing the Council on Graduate Instruction. Students who do not complete their theses the first term they register for supervision have the privilege of registering a second term upon payment of regular dues, but are not required to do so. Since the numbers permitted to enroll in thesis seminars are strictly limited, such students are not permitted to register for a third term of supervision.

3. A student may either enroll in a specifically designated "thesis" course or, if his preparation meets the approval of the instructor in charge, attach himself to some regularly offered course in his field of study and report periodically to the instructor offering the course.

4. A student enrolling for thesis residence credit in regular course pays the same fees as other students during the summer of residence. At the time of graduation he pays the same diploma and commencement fees as other students and thesis supervision fee of \$25.00.

5. Students enrolling for thesis supervision during the Summer School are expected to complete their theses largely during the summer of enrollment or some subsequent summer term. The instructor with whom they enroll is not under obligation to give active supervision during the academic year, although instructors are willing to give a reasonable amount of attention to theses practically complete. Similarly, instructors in Duke University who are not teaching in the Summer School are not expected to undertake the supervision of theses written by Summer School students.

6. Students of the academic year who do not complete theses begun prior to Summer School are not accepted for Summer School enrollment unless their subjects are in the field of some thesis seminar or other course offered by an instructor who recommends that such students be assigned to his supervision during the summer. Instructors who are employed for full time by the Summer School are specifically requested not to carry over into the summer thesis students whose subjects are not properly a part of work such instructors are offering in the Summer School.

FEES

Teachers in active full-time service in schools and colleges are exempt from tuition fees for as many as four terms of six weeks in a period of six years. After their fourth term they pay regular tuition charges. All other students are charged a tuition fee of \$3.00 for each college-credit hour, or \$4.00 for each semester-hour, maximum tuition being \$24.00 for six weeks, or \$30.00 for courses running seven weeks. All students, teachers included, pay a registration fee of \$17.50 per term. Students in the sciences pay the laboratory fees required in regular term, and students writing theses pay the regular commencement charges at the time of receiving their degrees, and the special supervision fee of \$25.00.

Major expenses may be estimated as follows for each term:

Registration	\$17.50
Room-rent and board	47.50
	<hr/>
Total major expenses to teachers	\$65.00

In the men's dormitories, as has been stated, the charge for rooms is one dollar less, making the total major expenses for occupants \$64.00. To these totals should be added the tuition fee of \$24.00 charged students other than teachers in the public schools and also charged teachers who have already received four terms exemption, about \$7.00 for books, and probably \$3.00 for miscellaneous expenditures. All claims for exemption from tuition should be filed at the time of registration.

COURSES OF INSTRUCTION

EXPLANATIONS AND ABBREVIATIONS

Classes meet daily five times per week for six weeks unless otherwise indicated. Classes that meet for sixty-minute periods are indicated as carrying two semester-hours of credit. Classes meeting eighty-five minute periods daily count for three semester-hours except where credits are stated otherwise. Courses are arranged alphabetically by departments. The course numbers are the same numbers used in describing courses in the regular term, with the letter "S" preceding; for example, Chemistry S1 would correspond to Chemistry 1 of the regular term.

N.B.—Different State Departments of Education grant professional credit for various courses in accordance with their own carefully defined rules. Every student should inquire carefully at or before registration as to what professional credit is allowed for each course in his state.

THESIS COURSES FOR MASTER'S DEGREE CANDIDATES

It is important for every candidate for a Master's degree to plan for his thesis as soon as possible after he completes his first summer school. (See suggestions for planning theses, pages 17-18, this bulletin). Special attention is called to Education S300, S300X, S309X, S322, S334X, S338, Chemistry S275X, English S307X, S308X, S314X, S329X, French S353, History S305, S306X, S308A, S315, Mathematics S390X, Religion S363, Sociology S340, Spanish S370X, and Zoology S353. A properly qualified student, however, may with the approval of the instructor and the head of his department attach himself to any graduate course for thesis supervision.

(This is a condensed description of courses. For full description, see Bulletin of the Summer Schools.)

BIOLOGY

See courses listed under Botany and Zoology.

BOTANY

S201. Structure of Seed Plants.—Prerequisite: two years of botany or equivalent. 3 s.h. MISS ADDOMS

202. Genetics.—Prerequisites: one year of botany, zoology, or equivalent, and college algebra. 3 s.h. MR. PERRY

S216. Preparation of Botanical Materials.—Prerequisite: two years of botany, or equivalent. 3 s.h. MISS ADDOMS

S341. Methods in Plant Physiology.—Prerequisites: two years of botany, including a course in physiology, or equivalent. 3 s.h. MR. KRAMER

CHEMISTRY

S1. General Inorganic Chemistry.—4 s.h.

MR. R. N. WILSON AND MR. HOBBS

S2. General Inorganic Chemistry.—4 s.h.

MR. R. N. WILSON AND MR. HOBBS

S61. Qualitative Analysis.—4 s.h.	MR. SAYLOR AND MR. VERMILLION
S70. Quantitative Analysis.—4 s.h.	MR. D. HILL AND MISS MOORE
S151. Organic Chemistry.—4 s.h.	MISS BROWN AND MR. BRIGHT
S152. Organic Chemistry.—4 s.h.	MR. HAUSER AND MR. PECK
S275X. Thesis Research.—2 to 8 s.h.	MR. VOSBURGH AND MR. BIGELOW

ECONOMICS AND GEOGRAPHY

S51. Principles of Economics.—3 s.h.	MR. CARNEY
S52. Principles of Economics.—3 s.h.	MR. BERRY
S57-58. Principles of Accounting.—6 s.h.	MR. SHIELDS
S115. Economic Geography: Teachers' Course.—3 s.h.	MR. LONDON (<i>first term</i>) MR. KEECH (<i>third term</i>)
S116. Economic Geography and Industrial Organization.—3 s.h.	MR. KEECH
S119. Economic Geography of North America.—3 s.h.	MR. LONDON
S171-S172. Advanced Accounting.—6 s.h.	MR. BLACK
S231. The Economic History of Modern Europe.—3 s.h.	MR. HAMILTON (<i>first term</i>) MR. R. S. SMITH (<i>second term</i>)
S232. Economic History of the United States.—3 s.h.	MR. R. S. SMITH
S236. Public Finance.—3 s.h.	MR. RATCHFORD
S238. Public Debts in the United States.—3 s.h.	MR. RATCHFORD
S239. Prices.—3 s.h.	MR. HAMILTON
S256. Labor Legislation.—3 s.h.	MR. DE VYVER
S257. Social Insurance.—3 s.h.	MR. DE VYVER

EDUCATION

PUBLIC SCHOOL ADMINISTRATION AND SUPERVISION (GRADUATE COURSES)

(Master's candidates in this division should elect their minor work in Economics and Political Science.)

S224. Current Problems in Public Education as Revealed through School Surveys.—3 s.h.	MR. MARBERRY
S232. Elementary School Supervision.—3 s.h.	MR. MARBERRY
S234. Secondary School Organization and Administration.—3 s.h.	MR. P. H. GWYNN (<i>first term, Sections 1 and 3</i>) MR. HINSON (<i>first term, Section 2</i>) MR. CARMICHAEL (<i>second term</i>) MR. BOYER (<i>third term</i>)

S273. Problems of High-School Supervision.—3 s.h.MR. HIGHSMITH (*Sections 1 and 2, first term*)MR. HINSON (*Section 3, first term*)MR. CARMICHAEL (*second term*)MR. J. M. GWYNN (*third term*)**S283. Organization and Administration of the Public School Curriculum.—3 s.h.**

MR. MARBERRY

S300. Introduction to Educational Research.—3 s.h.

MR. SCATES

S300X. Educational Research.—3 s.h.

MR. SCATES

S323. Public School Finance.—3 s.h.

MR. H. H. HILL

S343. State and County School Administration.—3 s.h.

MR. MARBERRY

S363. City School Organization and Administration.—3 s.h.MR. H. H. HILL (*first term*)MR. BOYER (*third term*)**EDUCATIONAL PSYCHOLOGY (GRADUATE COURSES)**

(Master's candidates in this division should elect some course-work in either Elementary or Secondary Education and should choose Psychology as their minor.)

S208. Mental Tests and Applications.—Prerequisite: course S258 or six semester-hours of other work in educational psychology or psychology. 3 s.h.

MR. ODELL

S209. Statistical Methods in Education.—3 s.h.

MR. ODELL

S212. Psychology of the Elementary School Subjects.—3 s.h.

MR. CARR

S216. Psychological Principles of Secondary Education.—3 s.h.

MR. STOWE

S217. Advanced Educational Psychology.—3 s.h.MR. EASLEY (*first term*)MR. BAYNE (*second term*)**S218. Educational Implications of Genetic Psychology.—Prerequisite: six semester-hours of psychology or educational psychology. 3 s.h.**

MR. BROWNELL

S219. Experimental Education.—3 s.h.

MR. C. T. GRAY

S222. The Curriculum and Materials of the Elementary Grades.—3 s.h.

MR. HILLMAN

S237. Investigations in Reading.—3 s.h.MR. DOUGLAS (*Section 1*)MR. TIREMAN (*Section 2*)**S247. Investigations in Arithmetic.—3 s.h.**

MR. BROWNELL

S257. Investigations in Language.—3 s.h.

MR. TIREMAN

S258. Educational Measurements.—3 s.h.

MR. ODELL

S287. Problems of Mentally and Educationally Retarded Children.—3 s.h.

MR. WALLIN

S288. Problems of Mental Hygiene and Education.—3 s.h.

MR. WALLIN

S289. Character and Personality Testing.—Prerequisite: course S258 or six semester-hours of other work in educational psychology. 3 s.h.

MR. ODELL

S298. History of Educational Psychology in the United States.—3 s.h.

MR. C. T. GRAY

S300. Introduction to Educational Research.—3 s.h.

MR. SCATES

S300X. Educational Research.—3 s.h.

MR. SCATES

S309X. Thesis Seminar in Educational Psychology.—3 s.h.

MR. SCATES (*first term*)

MR. BROWNELL (*second term*)

SECONDARY EDUCATION (GRADUATE COURSES)

(Master's candidates in this division should consider also courses listed under Public School Administration and Educational Psychology, and are advised to elect minor work in their teaching subject, or in Psychology or Sociology.)

S200. Introduction to the Philosophy of Education.—3 s.h.

MR. STOWE

S205. Curriculum Problems in Secondary Education.—3 s.h.

MR. CHILDS (*first term*)

S206. Sociological Foundations of Secondary Education.—3 s.h.

MR. HOLLIS (*first term*)

S216. Psychological Principles of Secondary Education.—3 s.h.

MR. STOWE

S226. Teaching the Social Studies.—3 s.h.

MR. SCHUTTE

S234. Secondary School Organization and Administration.—3 s.h.

MR. P. H. GWYNN (*first term, Sections 1 and 3*)

MR. HINSON (*first term, Section 2*)

MR. CARMICHAEL (*second term*)

MR. BOYER (*third term*)

S246. The Teaching of High-School Mathematics.—3 s.h.

MR. W. W. RANKIN

S273. Problems of High-School Supervision.—3 s.h.

MR. HIGHSMITH (*Sections 1 and 2, first term*)

MR. HINSON (*Section 3, first term*)

MR. CARMICHAEL (*second term*)

MR. J. M. GWYNN (*third term*)

S276. Teaching of Botany.—3 s.h.

MISS ADDOMS

S326. Investigations in the Teaching of Social Studies.—3 s.h.

MR. STOWE

S334X. Seminar in Secondary Education.—3 s.h.

MR. J. M. GWYNN

ELEMENTARY EDUCATION (GRADUATE COURSES)

(Master's candidates in this division should consider also courses listed under Educational Psychology and are advised to elect their minor work in Psychology or Sociology.)

- S208. Mental Tests and Application.—3 s.h. MR. ODELL
- S212. Psychology of the Elementary School Subjects.—3 s.h. MR. CARR
- S218. Educational Implications of Genetic Psychology.—3 s.h. MR. BROWNELL
- S219. Experimental Education.—3 s.h. MR. C. T. GRAY
- S222. The Curriculum and Materials of the Elementary Grades.—3 s.h. MR. HILLMAN
- S232. Elementary School Supervision.—3 s.h. MR. MARBERRY
- S237. Investigations in Reading.—3 s.h. MR. DOUGLAS (*Section 1*)
MR. TIREMAN (*Section 2*)
- S247. Investigations in Arithmetic.—3 s.h. MR. BROWNELL
- S257. Investigations in Language.—3 s.h. MR. TIREMAN
- S283. Organization and Administration of the Public School Curriculum.—3 s.h. MR. MARBERRY
- S287. Problems of Mentally and Educationally Retarded Children.—3 s.h. MR. WALLIN
- S288. Problems of Mental Hygiene and Education.—3 s.h. MR. WALLIN
- S322. Seminar in Elementary Education.—3 s.h. MR. CARR
- S338. Research in Reading.—3 s.h. MR. DOUGLAS

UNDERGRADUATE COURSES

(By permission Seniors may enter graduate courses numbered below 300. Attention is called to the fact that toward the A.B. degree not more than six semester-hours of methods courses are allowed to count.)

- S4. Introductory Course in History of Education.—3 s.h. MR. ESKRIDGE
- S54. Introductory Course in History of Education.—3 s.h. MISS DUNN
- S58. The Learning Process.—3 s.h. MR. WATSON
- S68. Mental Hygiene of the School Child.—3 s.h. MR. PULLIAS
- S83. Current Trends in American Public-School Organization.—3 s.h. MISS DUNN
- S101. Introduction to Teaching.—3 s.h. MR. ESKRIDGE
- S103. School Organization and Administration for the Classroom Teacher.—3 s.h. MR. HARTON
- S106. Principles of Secondary Education.—3 s.h. MRS. HAWKES
- S111. Primary Methods in Language and Reading.—2 s.h. MISS MICHAELS

S117. Analysis of Study and Study Habits in the Elementary School Subjects.—3 s.h. MR. CURTIS

S118. Educational Implications of Genetic Psychology.—3 s.h. MR. WATSON

S119. Analysis of Study and Study Habits in the High-School Subjects.—3 s.h. MR. CURTIS

S122. The Teaching of Arithmetic in the Primary Grades.—2 s.h.
MISS DEANS (*first term*)
MR. McEWEN (*third term*)

S127. The Teaching of Arithmetic in the Grammar Grades.—2 s.h.
MISS DEANS (*first term*)
MR. McEWEN (*third term*)

S136. The Teaching of High-School English.—3 s.h. MR. A. C. JORDAN

S142. Children's Literature: Primary Section.—2 s.h. MISS MICHAELS

S147. Children's Literature: Grammar Grade Section.—2 s.h. MISS MICHAELS

S161. Social Studies in the Grammar Grade.—3 s.h. MRS. PORTER

S162. Social Studies in the Primary Grades.—3 s.h. MRS. PORTER

S167. Materials and Methods in the Teaching of Science in the Elementary Schools.—3 s.h. MR. SLAY

S176. The Teaching of High-School Science.—Prerequisite: at least eight-
een semester-hours of science in college. 3 s.h. MR. SLAY

S182. The Teaching of Geography.—2 and 3 s.h.
MR. GODARD (*first and second terms*)
MR. McEWEN (*third term*)

S192. Materials and Methods in the Primary Grades.—3 s.h. MISS MARKS (*first and second terms*)

S195. Curriculum and Course of Study in Secondary Schools.—3 s.h. MRS. HAWKES

S197. Materials and Methods in the Grammar Grades.—3 s.h. MISS MARKS (*first and second terms*)

PUBLIC SCHOOL ART AND MUSIC

A. Public School Drawing.—3 points professional credit only.
MRS. ALSTON (*first term*)
MRS. MASON (*third term*)

B. Industrial Art in the Public School.—3 points professional credit only. MRS. ALSTON

C. Public School Music.—3 points professional credit only. MRS. TWADDELL

PHYSICAL AND HEALTH EDUCATION

S112. Personal and School Hygiene.—3 s.h. MISS GARDINER

S132. Materials and Methods in Health Education.—3 s.h. MISS WYCHE

ENGINEERING

C.E. S10. Plane Surveying.—3 s.h. MR. HALL, MR. BIRD, AND ASSISTANTS

C.E. S110. Plane Surveying.—3 s.h. MR. BIRD

ENGLISH

Master's candidates in English are required to complete at least three semester-hours in Chaucer or certain other designated courses. Either English S203 or English S211 listed below meets this specific requirement. Master's candidates who have completed as many as twelve semester-hours of graduate work should also take the bibliography course, S301, at their earliest opportunity.

S1. English Composition.—3 s.h. MR. HARWELL

S2. English Composition.—3 s.h. MR. HARWELL

S53. English Composition.—3 s.h. MR. A. C. JORDAN
(Open only to those who have credit for S1.)

S59. Contemporary British and American Drama.—3 s.h. MRS. WHITE

S60. Contemporary British and American Fiction.—3 s.h. MRS. WHITE

S63. A Survey of English Poetry.—3 s.h. MR. PATTON

S64. A Survey of English Poetry.—3 s.h. MR. PATTON

S120. History of the Theater.—3 s.h. MR. WEST

S121. Play Production.—3 s.h. MR. WEST

S123. Shakespeare.—3 s.h. MR. F. K. MITCHELL

S124. Shakespeare.—3 s.h. MR. F. K. MITCHELL

S137. American Literature prior to 1850.—3 s.h.
MR. ANDERSON (*first term*)
MR. ALLEN (*third term*)

S138. American Literature, 1850-1900.—3 s.h.
MR. ANDERSON (*first term*)
MR. ALLEN (*third term*)

S139. The Speaking Voice.—3 s.h. MR. WEST

S142. The Teaching of High-School English.—3 s.h. MR. A. C. JORDAN

S149. English Literature, 1660-1700.—3 s.h. * MR. WARD

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|---|--------------|
| S203. Chaucer.—3 s.h. | MR. BAUGH |
| S211. History of the English Language.—3 s.h. | MR. BAUGH |
| S215. Elizabethan Drama.—3 s.h. | MR. SPENCER |
| S216. The English Drama in the Reign of James I.—3 s.h. | MR. SPENCER |
| S217. Spenser: The Faerie Queene.—3 s.h. | MR. HUGHES |
| S218. Milton: Paradise Lost and Paradise Regained.—3 s.h. | MR. HUGHES |
| S221. English Drama, 1660-1780.—3 s.h. | MR. WARD |
| S223. The English Romantic Period.—3 s.h. | MR. GRIGGS |
| S227. Literary Criticism.—3 s.h. | MR. GILBERT |
| S231. Emerson.—3 s.h. | MR. GOHDES |
| S232. Special Studies in American Authors: Whitman.—3 s.h. | MR. BRADLEY |
| S233. Studies in American Poetry since 1870.—3 s.h. | MR. BRADLEY |
| S235. The Poetry of Dryden and Pope.—3 s.h. | MR. GRIFFITH |
| S236. Queen Anne Prose.—3 s.h. | MR. GRIFFITH |
| S237. Shakespeare's Earlier Plays.—3 s.h. | MR. SPENCER |
| S238. Shakespeare's Later Plays.—3 s.h. | MR. SPENCER |
| S301. Bibliography and Methods of Research.—3 s.h. | MR. JENKINS |
| S307. Southern Literature and Culture prior to 1865.—3 s.h. | MR. HUBBELL |
| S307X. Seminar in American Literature prior to 1865.—3 s.h. | MR. HUBBELL |
| S308. Southern Literature and Culture since 1865.—3 s.h. | MR. HUBBELL |
| S308X. Seminar in American Literature since 1865.—3 s.h. | MR. HUBBELL |
| S311. English Literature from the Norman Conquest to Chaucer, Part I.—3 s.h. | MR. BAUGH |
| S312. English Literature from the Norman Conquest to Chaucer, Part II.—3 s.h. | MR. BAUGH |
| S314. Seminar in Early Nineteenth-Century Literature.—Prerequisite: S223, or some similar course in early nineteenth-century literature. 3 s.h. | MR. GRIGGS |
| S314X. Thesis Seminar: Byron and Shelley.—3 s.h. | MR. WHITE |
| S317. Studies in Byron.—3 s.h. | MR. GRIFFITH |
| S321. Seminar in Anglo-American Literary Relations in the Nineteenth Century.—3 s.h. | MR. GOHDES |

S323. Studies in Coleridge.—3 s.h.

MR. GRIGGS

S324. Studies in Shelley.—3 s.h.

MR. GRIFFITH

S325. The Regency and Early Victorian Period.—3 s.h.

MR. GRIGGS

S329. Seminar in Sixteenth- and Seventeenth-Century English Literature.
3 s.h.

MR. GILBERT

S329X. Thesis Seminar in Sixteenth- and Seventeenth-Century English
Literature.—3 s.h.

MR. GILBERT

FORESTRY

Candidates for the Bachelor of Science degree with a major in Forestry are required to take Civil Engineering S110 (Plane Surveying) in Summer School at the close of their Junior year. This course is listed under Engineering, this bulletin. Candidates in Forestry are also expected to take the following courses after completing the required work in Engineering:

S150. Forest Surveying.—Prerequisites: Civil Engineering 110, Plane
Surveying, or equivalent. 3 s.h.

MR. MAUGHAN

S151. Forest Mensuration.—4 s.h.

MR. SCHUMACHER

FRENCH

S1. Elementary French.—3 s.h.

MISS RAYMOND

S2. Elementary French.—3 s.h.

MR. DOW

S3. French Prose.—Prerequisite: French S1-2 or two years of high-school
French. 3 s.h.

MR. DAVIS

S4. French Prose.—Prerequisite: French S3. 3 s.h.

MR. DAVIS

S51. Introduction to French Literature.—Prerequisite: French S3-4 or
equivalent. 3 s.h.

MR. BRIDGERS

S52. Introduction to French Literature.—Prerequisite: French 51. 3 s.h.

MR. BRIDGERS

S55, S56. Exercises in Spoken French.—3 s.h.

MRS. DOW

S213. French Prose and Poetry of the Seventeenth Century.—3 s.h.

MR. WALTON

S214. French Drama of the Seventeenth Century.—3 s.h.

MR. WALTON

S217. French Phonetics.—3 s.h.

MR. WEBB

S231. Rousseau and the Beginnings of Romanticism.—3 s.h.

MR. COWPER

S317. History of the French Language.—3 s.h.

MR. COWPER

S343. Studies in French Novelists of the Twentieth Century.—3 s.h.

MR. B. R. JORDAN

S353. Seminar in Realism and Naturalism.—3 s.h.

MR. B. R. JORDAN

GERMAN

S1. Elementary German.—3 s.h.	MR. MAXWELL
S2. Elementary German.—3 s.h.	MR. MAXWELL
S3. Intermediate German.—3 s.h.	MR. F. E. WILSON
S4. Intermediate German.—3 s.h.	MR. F. E. WILSON
S109. German Prose Fiction.—3 s.h.	MR. KRUMMEL
S110. German Prose Fiction.—3 s.h.	MR. KRUMMEL

GOVERNMENT

See courses listed under Political Science.

HISTORY

S91. Political and Social History of the United States to 1830.—3 s.h.	MR. MABRY (<i>first term</i>) MR. PEARSON (<i>third term</i>)
S92. Political and Social History of the United States, 1830-1900.—3 s.h.	MR. MABRY (<i>first term</i>) MR. PEARSON (<i>third term</i>)
S101. Development of Western European Civilization to About 800 A.D.—3 s.h.	MR. MANCHESTER
S102. Development of Western European Civilization from 800 to 1563 A.D.—3 s.h.	MR. MANCHESTER
S113. American Colonial History, 1606-1783.—3 s.h.	MR. WOODY
S114. History of the United States since Reconstruction.—3 s.h.	MR. WOODY
S208A. Studies in the Social History of the United States prior to 1860.—3 s.h.	MR. SHRYOCK
S209. American Constitutional History, 1783-1820.—3 s.h.	MR. C. H. SMITH
S213. Recent History of the United States.—3 s.h.	MR. CALLCOTT
S218. Europe since 1914.—3 s.h.	MR. McLEAN
S221. The Age of the Renaissance.—3 s.h.	MR. EELS
S223. Medieval Institutions and Culture.—3 s.h.	MRS. QUINN
S225. The Age of the Reformation.—3 s.h.	MR. EELS
S231. The Hispanic Colonies of the New World.—3 s.h.	MR. LANNING
S232. The Hispanic-American Republics.—3 s.h.	MR. LANNING
S237. Social and Intellectual Development of the Old South.—3 s.h.	MR. SYDNOR
S303. The Union, Confederacy, and Reconstruction.—3 s.h.	MR. SYDNOR

- S305. Seminar in the History of England and the British Empire.—3 s.h.
MR. LAPRADE
- S306X. Thesis Seminar in Southern History.— MR. BOYD
- S308A. Seminar: Social History of the United States.—3 s.h.
MR. SHRYOCK
- S315. Seminar in Southern History.—3 s.h. MR. BOYD
- S318. Seminar in European History since 1914.—3 s.h. MR. MCLEAN
- S324. Seminar: Medieval Institutions and Culture (1100-1400).—3 s.h.
MRS. QUINN
- S325. British Nationality and Public Opinion.—3 s.h. MR. LAPRADE
- S330. Seminar in American History: Newspapers as a Factor in American
Politics, 1822-1836.—3 s.h. MR. C. H. SMITH

MATHEMATICS

- S100. Integral Calculus.—Prerequisite: Mathematics 50 and 55. 4 s.h.
- S204. The Teaching of Mathematics.—3 s.h. MR. W. W. RANKIN
- S207. Fundamental Concepts of Algebra and Geometry.—3 s.h.
MR. W. W. RANKIN
- S225. Theory of Equations and Determinants.—3 s.h. MR. ELLIOTT
- S235. Modern Higher Algebra.—3 s.h. MR. MILES
- S239. Advanced Calculus.—3 s.h. MR. ELLIOTT
- S240. Advanced Calculus.—Prerequisite: S239. 3 s.h. MR. MILES
- S250. Modern Geometry.—3 s.h. MR. DRESSSEL
- S255. Projective Geometry.—3 s.h. MR. ROBERTS
- S325. Functions of a Real Variable.—3 s.h. MR. ROBERTS
- S333. Analytic Theory of Numbers.—3 s.h. MR. CARLITZ
- S347. Elliptic Functions.—Prerequisite: courses S239-S240. 3 s.h.
MR. CARLITZ
- S371. Topology.—Prerequisite: S239. 3 s.h. MR. ROBERTS
- S390X. Thesis Seminar.—*Thesis credit only*.—3 s.h. MR. CARLITZ

PHYSICS

- S1-2. General Physics.—8 s.h.
MR. CARPENTER, MR. BARNES, AND MR. HOPKINS
- S223. Radioactivity and Nuclear Structure.—3 s.h. MR. NIELSEN
- S224. Radioactivity and Nuclear Structure.—3 s.h. MR. NIELSEN

POLITICAL SCIENCE

- S21. Principles of Citizenship.—3 s.h. MR. SIMPSON
- S22. Principles of Citizenship.—3 s.h. MR. SIMPSON
- S61. American Government and Politics.—3 s.h.
MR. GIBSON (*first term*)
MR. HAGAN (*third term*)
- S62. American Government and Politics.—3 s.h.
MR. GIBSON (*first term*)
MR. HAGAN (*third term*)
- S207. American Constitutional Law and Theory.—3 s.h.
MR. R. R. WILSON
- S209. State and Local Government in the United States.—3 s.h.
MR. R. S. RANKIN
- S228. International Law and International Organization.—3 s.h.
MR. R. R. WILSON
- S291. Municipal Government.—3 s.h. MR. R. S. RANKIN

PSYCHOLOGY

- S101. Introduction to Psychology: General Principles of Mental Activity and Growth.—3 s.h. MR. HARTON
- S201. Social Psychology.—3 s.h. MR. ADAMS
- S207. Experimental Psychology.—3 s.h. MR. ZENER
- S210. Physiological Psychology.—3 s.h. MR. ZENER
- S215. Child Psychology.—3 s.h. MR. ADAMS

RELIGION

- S51. The History of the Hebrew People.—3 s.h. MR. ORMOND
- S165. Religious Drama.—3 s.h. MR. SPENCE
- S168. Religious Drama: Construction and Production.—3 s.h.
MR. SPENCE
- S283. Expansion of Christianity.—3 s.h. MR. CANNON
- S286. The Religions of India.—3 s.h. MR. CANNON
- S362. Ethical Theory of Christian Education.—3 s.h.
MR. H. S. SMITH
- S363. Religious Thought in the Rise of American Culture.—3 s.h.
MR. H. S. SMITH

SOCIOLOGY

- S101. General Sociology.—3 s.h. MR. ELLWOOD (*Section 1*)
MR. PRICE (*Section 2*)
- S112. Introduction to Child Welfare.—3 s.h. MR. PRICE

S205. Social Pathology.—3 s.h.	MR. JENSEN
S212. Child Welfare.—3 s.h.	MR. JENSEN
S219. Urban Sociology.—3 s.h.	MR. THOMPSON
S319. Principles of Sociology.—3 s.h.	MR. ELLWOOD
S340. Seminar: The Sociology of the South.—3 s.h.	MR. THOMPSON

SPANISH

S3. Intermediate Spanish.—3 s.h.	MR. QUYNN
S4. Intermediate Spanish.—3 s.h.	MR. QUYNN
S65. Introduction to Modern Spanish Literature.—3 s.h.	MR. AVILÉS
S66. Introduction to Spanish Literature of the Golden Age.—3 s.h.	MR. AVILÉS
S266. Golden Age Literature: The Don Juan Theme.—3 s.h.	MR. LUNDEBERG
S370X. Thesis Seminar in Spanish Literature.—3 or 6 s.h.	MR. LUNDEBERG

ZOOLOGY

S203-S204. Animal Ecology.—6 s.h.	MR. PEARSE
S219 or S353. Special Problems.—	MR. CUNNINGHAM
	MR. HARGITT
	MR. PEARSE
	MR. I. E. GRAY

JUNALUSKA SUMMER SCHOOL, INC.

(AFFILIATED WITH DUKE UNIVERSITY)

and

JUNALUSKA SCHOOL OF RELIGION

LAKE JUNALUSKA, N. C.

PAUL NEFF GARBER, A.B., A.M., Ph.D.,

DIRECTOR

FACULTY

AGNEW, DONALD CHARLES; A.B., Park College; A.M., Ph.D., Duke;
EDUCATION (Lander College).

ANDERSON, LEWIS EDWARD; B.S., Mississippi State College; A.M.,
Duke; Ph.D., University of Pennsylvania; BOTANY (Duke University).

BLOMQUIST, HUGO LEANDER; B.S., University of Chicago; Pasteur
Institute, 1919; Ph.D., University of Chicago; BOTANY (Duke University).

BOWMAN, WARREN DANIEL; A.B., Bridgewater College; A.M., Ph.D.,
University of Chicago; EDUCATION (Juniata College).

CLARK, ELMER TALMADGE; A.B., Birmingham-Southern College; A.M.,
George Peabody College; B.D., S.T.D., Temple; LL.D., Southern College;
RELIGION (Assistant Secretary, Board of Missions, Methodist Episcopal
Church, South).

CLARK, KENNETH WILLIS; A.B., Yale; B.D., Rochester; Ph.D., Uni-
versity of Chicago; RELIGION (Duke University).

CRUM, MASON; A.B., Wofford College; A.M., Ph.D., University of South
Carolina; RELIGION (Duke University).

DUNSTAN, ROBERT TAYLOE; A.B., Duke; A.M., Ph.D., University of
Wisconsin; SPANISH (Greensboro College).

FITZGERALD, WILLIAM STONE; A.B., Vanderbilt; A.M., Harvard;
Duke, 1934-37; ENGLISH (Duke University).

GARBER, PAUL NEFF; A.B., Bridgewater College; A.M., Ph.D., Univer-
sity of Pennsylvania; RELIGION (Duke University).

McEWEN, NOBLE RALPH; A.B., Birmingham-Southern College; A.M.,
Duke; Duke, 1930-32; EDUCATION (Salem College).

MYERS, HIRAM EARL; A.B., Duke; S.T.B., S.T.M., Boston University;
RELIGION (Duke University).

SEARCY, HUBERT; A.B., Birmingham-Southern College; A.M., Duke;
Duke, 1933-35; 1936-37; POLITICAL SCIENCE (Birmingham-Southern Col-
lege).

THOMPSON, EDGAR TRISTRAM; A.B., University of South Carolina;
(Duke University).
A.M., University of Missouri; Ph.D., University of Chicago; SOCIOLOGY

WARREN, CLARENCE SHAW; A.B., Duke; EDUCATION (Superintendent of Lenoir City Schools).

WIGGINS, ROBERT LEMUEL; A.B., Emory; A.M., Vanderbilt; Ph.D., University of Virginia; ENGLISH (Wesleyan College).

BUSINESS MANAGER

JAMES R. BOYD,
Waynesville, North Carolina.

CALENDAR, REGISTRATION, AND ADMISSION

The Junaluska Summer School, Inc., and the Junaluska School of Religion was opened June 10 and closed July 20. Recitations were held five days in the week, all Mondays except June 21 and July 12 being holidays. Monday, July 5, was observed as Independence Day.

Wednesday, June 9, was reserved for the registration of students from Haywood County; Thursday, June 10, was registration day for all other students. Regular classes met at 8:15 Friday morning, and recitation work began at once.

JUNALUSKA SCHOOL OF RELIGION

The tenth session of the Junaluska School of Religion, which is conducted under the joint management of Duke University and the Board of Christian Education with the co-operation of the Board of Missions and other boards of the Methodist Episcopal Church, South, will be conducted as the Department of Religion in the Junaluska Summer School for the summer of 1937, its opening and closing dates being the same as for the other departments. In addition to the undergraduate credits offered by the other departments, Junaluska School of Religion will offer credits counting toward the B.D. degree. The work in Religion is designed for pastors, church workers, missionaries, and students who desire to fit themselves the better for their work or to obtain credits looking toward the securing of university degrees.

COURSES OFFERED

Professional and undergraduate courses are offered for teachers in elementary schools, teachers of primary grades and of grammar grades, and teachers of high-school subjects, for Freshmen and Sophomore students in colleges and for students desiring somewhat more advanced work in the field of religion.

For qualified college students, instruction will be offered in botany, education, English, political science, sociology, Spanish, and religion. Credit is allowed toward the A.B. degree at Duke University for these courses, credit toward the A.M. degree for the course in field botany, and credit toward the B.D. degree for the advanced courses in religion.

COURSES IN FIELD BOTANY

Special courses in field botany are offered to public school teachers of nature study, high-school teachers of botany and biology, and to qualified college students.

FEES AND EXPENSES

Tuition charge for college students other than teachers is \$10.00. Teachers are exempt from tuition, as are also ministerial students who register in the Junaluska School of Religion. Expenses may therefore be estimated by teachers and School of Religion students as follows:

	Low	High
Registration	\$20.00	\$20.00
Room and Board	50.00	60.00
Library and Recreation Fee	2.00	2.00
	<hr/>	<hr/>
	\$72.00	\$82.00

To this should be added about \$5.00 for books and probably \$5.00 for miscellaneous expenses, besides the tuition charge for students other than teachers. Since Haywood County contributes toward the registration fees of its teachers, Haywood County teachers pay only \$8.00 of the total registration fee.

HOTELS, BOARDING HOUSES, AND FURNISHED COTTAGES

Information relative to board and room may be obtained by addressing Mr. J. R. Boyd, Business Manager, Waynesville, North Carolina, or Mr. James Atkins, Jr., Lake Junaluska, North Carolina.

COURSES OF INSTRUCTION

(This is a condensed description of courses. For full description, see Bulletin of the Summer Schools.)

BOTANY

S52. Introductory Field Botany.	MR. ANDERSON
S101. Principles of Heredity.	MR. ANDERSON
S225. Field Botany.—4 or 6 s.h.	MR. BLOMQUIST
S226. Special Problems.—2 to 6 s.h.	MR. BLOMQUIST

EDUCATION

S52. Materials and Methods in Nature Study.	MR. ANDERSON
S58. The Learning Process.	MR. BOWMAN
S68. Mental Hygiene of the School Child.	MR. AGNEW
S103. School Organization and Administration for the Classroom Teacher.	MR. WARREN
S117. Analysis of Study and Study Habits in the Elementary School Subjects.	MR. AGNEW
S118. Educational Implications of Genetic Psychology.	MR. BOWMAN
S121. Grammar Grade Methods in Reading and Language.	MR. WARREN
S122. The Teaching of Primary Numbers.—2 s.h.	MR. McEWEN
S142. Children's Literature.—2 s.h.	MR. McEWEN
S182. The Teaching of Geography.—2 s.h.	MR. McEWEN

ENGLISH

S60. Contemporary Poetry.	MR. FITZGERALD
S63. English Poetry, 1832-1900.	MR. WIGGINS
S123. Shakespeare: The Comedies and Romantic Plays.	MR. FITZGERALD
S137. American Poetry.	MR. WIGGINS

POLITICAL SCIENCE

S22. Principles of Citizenship.	MR. SEARCY
S102. State and Local Government in the United States.	MR. SEARCY

SOCIOLOGY

S101. General Sociology.	MR. THOMPSON
S109. Sociology of the South.	MR. THOMPSON

SPANISH

S65. Introduction to Spanish Literature.	MR. DUNSTAN
S66. Introduction to Spanish Literature.	MR. DUNSTAN

RELIGION

S206. The Message of the Hebrew Prophets.	MR. K. W. CLARK
S207. The Ethical Ideals of Judaism.	MR. K. W. CLARK
S219 Life of Paul.	MR. MYERS
S237. Methodism.	MR. GARBER
S241. Homiletics.	MR. MYERS

FOR UNDERGRADUATES ONLY

S54. Great Epochs in Church History.	MR. E. T. CLARK
S129. Character Problems.	MR. CRUM
S170. Religion and the Modern Home.	MR. CRUM

DUKE UNIVERSITY

DEGREES AND HONORS CONFERRED

(1936) (1937)

ROLL OF STUDENTS

(1936-1937)

TRINITY COLLEGE

THE WOMAN'S COLLEGE

THE GRADUATE SCHOOL OF ARTS AND SCIENCES

THE SCHOOL OF LAW

THE SCHOOL OF MEDICINE

THE SCHOOL OF NURSING

THE SCHOOL OF RELIGION

DEGREES AND HONORS CONFERRED (1936)

A.B. DEGREE

Abernethy, Margaret Inez	Colley, Frank Harris
Ackley, Charles Wiley	Collins, Lillian Eula
Adams, Edna Gertrude	Conklin, Faith
Ancrum, Calhoun, Jr.	Cooley, Edward W.
Andrews, Ellis L.	Cooper, Gerald Rice
Andrus, Frederick H.	Cordray, Irene Elmira
Applewhite, Ida Shaw	Cottler, Frank
Arnold, Joseph Marvin, Jr.	Crawford, William Gordon
Bailey, Martha Gardner	Crawley, Frank Richard
Ballay, Martha Hermine	Cruikshank, Ernest
Barrett, Eleanor Andrews	Cummings, John Cotton
Beane, Inez Arnette	Cunninggim, Margaret Louise
Becker, Margaret Anne	Cunningham, William Kenneth, Jr.
Bell, William Gowrie	Dailey, Carroll Osborne
Bender, Henry Schwehm	Daniel, James Martin
Beneke, George Frank	Davis, Lora-Frances
Bennett, Ruth	Dearborn, James Andrew
Bernstein, Elihu Bernard	Deemer, Alexander David, II
Biddle, Robert Martin	Dein, Irving
Bishop, Nellie Baldrige	Dortch, O. Lawrence
Black, Cyril Edwin	Dosch, Dorothy Margaret
Black, James Carter	Dunlap, E. B., Jr.
Blair, Andrew Lane	Eaby, Josephine Elizabeth
Blalock, U. Benton, Jr.	Edwards, Dorothy Louise
Boling, James Keith	Evans, Ann Caroline
Bowen, Cawthon Asbury	Everitt, George Bain, Jr.
Bowles, Nannie Viola	Failing, George Reed
Bowman, Ruth Frances	Falls, Sara Louise
Bowman, William Fleming	Fanning, Leonora Bryan
Brandon, J. Max, Jr.	Farnum, Ellen Cogswell
Bratzel, Ernst Frederick	Farrell, Robert Edward
Brill, Elizabeth	Farthing, Annie Frances
Brothers, Joseph Grayson	Faulkner, Newton E.
Brown, Dorothy Lillian	Fogel, Rubye
Brumbach, William K.	Ford, Joseph B., Jr.
Brumfield, Josie	Franck, Margaret Elizabeth
Bruton, Eleanor Wade	Friemel, Betty
Buice, Kathlyn Holmes	Funkhouser, Lewis O.
Burd, Jean Morton	Gallup, Darwin Colburn
Burford, Albert Lee, Jr.	Gent, Lawrence Louis
Burge, Robert, Jr.	Getz, Howard Robert
Butler, Lucille	Gidney, Edwina Thompson
Byrne, William D.	Gillies, H. Clarke, Jr.
Cady, Frederick Clayson	Ginn, Stephen Arnold
Cann, Richard McDonald	Glass, Don S.
Caruso, Lawrence J.	Goddard, David Watson
Cates, Mary Ann	Gooch, Lula Page
Chalk, Skinner, Jr.	Goode, Evelyn Gibson
Chalker, Annie Laura	Goode, Mary Jane
Chandler, Helen Gray	Gray, Dorothy Fairfield
Clark, Gwendolyn Greer	Greene, Johnnie T.
Clark, William, Jr.	Greutker, F. Chris, Jr.

Griffin, Richard Pearce
 Griscom, George Edwin, II
 Groves, Mary Rebecca
 Haislip, Jane Rebecca
 Hale, Irwin Read
 Halsema, Helen Elizabeth
 Hardin, Henry Grady
 Hardin, Katharine Virginia
 Hardy, Sue Vail
 Harris, Henry Laurens
 Hatch, James Mack, Jr.
 Hathorn, John Reynolds
 Hawks, Byron Lovejoy
 Haywood, Nancy Grimes
 Heard, Mary Ada
 Heffner, William Nason
 Helvenston, Margaret Caroline
 Henderson, Hayward Webb
 Henderson, Martha Boynton
 Henderson, Mary Elliott
 Hendren, Albert Lee
 Henry, James Edward
 Herb, Thomas W.
 Herlong, Edith Virginia
 Heroy, John Newman
 Hiatt, Joseph S., Jr.
 Hodde, William Sabine
 Holler, William Lyles
 Holman, Yerby Rozelle, Jr.
 Horton, Richard Emmett
 Hoyle, Robert Turner
 Hudson, Nancy Richmond
 Huene, Elizabeth Katherine
 Huiskamp, William Logan
 Huling, Porter B., Jr.
 Hull, Alma Louise
 Hulme, John William, Jr.
 Isenhour, Catherine Elizabeth
 Ivey, Lucille Carolyn
 Ivey, Mary Frances
 Izard, Margaret
 Jacobus, Hortense Edna
 Johnson, Kathryn Virginia
 Johnson, Rolf Elmo
 Jones, Alice Victoria
 Jones, Anne Provost
 Jones, Richard Abner
 Keator, Frederic Roggen
 Kennedy, Anna Claire
 Kleinmans, Evelyn Katherine
 Klove, William Noah
 Knight, Elizabeth Dallas
 Kraushaar, Lloyd Alfred
 Kunkle, Charles, Jr.
 Laird, Raymond Winfield
 Lamb, David Wallace
 Laney, Gene Martin
 Langfitt, June Leonore
 Lee, Arthur Carl, Jr.
 Lemperry, Charles Loring
 Lewis, William Allen
 Lieb, Helen Josephine
 Little, John Francis
 Little, Gretchen Dohm
 Little, Robert Anderson
 Long, Robert Schofield, Jr.
 Lowe, James Russell
 Lush, Stephen Stringer
 MacQuarrie, Alan Mills
 MacWhirter, William Bion
 McCallister, Charles Maxwell
 McClain, John Robert
 McClelland, Roswell Dunlop
 McClenaghan, Marian Trenholm
 McCrary, John Raymond, Jr.
 McGrail, Myles Francis
 McKinney, Robert Fremont
 McMartin, Daniel Cole, Jr.
 Mallard, Robert Lester
 Maness, Paul Franklin
 Mangum, Hazel Lyon
 Mann, John Evans
 Mann, Oliver DeWitt, II
 Maxwell, Lylton Ethridge
 Mazuy, Frank Elie
 Meacham, Benjamin Franklin
 Meetze, Minnie Rachel
 Mervine, Robert Charles
 Messick, James Bell
 Miller, Henry M.
 Miller, Robert Plato
 Moore, Margaret Watson
 Morris, Robert Moon
 Morton, Emmy Lou
 Moser, Rom Folger
 Moss, John E.
 Mossburg, Eugene Hyatt
 Motlow, Mary Avon
 Munson, Thomas T.
 Myers, Eleanor Glenn
 Naktensis, Peter Ernest
 Nance, George Wesley
 Nathanson, Norman
 Neff, Dorothy Louise
 Newsom, Annie Laurie
 Nisbet, Douglas Steffian
 Nusbaum, Herbert Strassburger
 Ogburn, Jean Winton
 Oliver, Edgar J., Jr.
 Ouzts, James Wilmer, Jr.
 Owens, Elizabeth
 Page, Jack Ward
 Paist, Frances Helen
 Parker, Charlotte Evelyn
 Parks, Elizabeth Jane
 Parsons, Helen Louise
 Parsons, Thomas Clayton
 Patten, Constance
 Patterson, Ruth Eleanora
 Paul, Ernestine Catherine

- Payne, Walter Price, Jr.
 Pearson, Frances Elizabeth
 Peck, Dorothy Dodd
 Pedersen, Sigrid Hermione
 Peek, Cecil McIntosh
 Pelgrim, Marie Kollen
 Perry, Clifford Webster
 Phillips, Ruth Ellen
 Pierce, Elizabeth Wright
 Pigford, James Marvin
 Pinnix, Nettie Huba
 Piper, Richard Clay
 Pittman, DeWitt Kennieth
 Plyler, Mern
 Pohl, Herbert Ackland
 Polack, Ernest Henry, II
 Pollard, Harriette Violetta
 Powell, Joseph Gilpin
 Powell, Rufus Heflin, III
 Propst, Mary Elizabeth
 Puryear, Alan Christian
 Reavis, William Farrell, Jr.
 Rhodes, Mary Alice
 Richardson, George Douglas
 Richey, McMurphy Smith
 Rigg, Helen Wynkoop
 Robinson, Henry Schroder
 Roe, Marion
 Ross, John Stevenson
 Rouse, William Dorland
 Rue, William Hansell
 Russell, Philip Mosley
 Rutherford, Robert Thornton, Jr.
 Sager, William A.
 Saleeby, David Majeeb
 Scales, Frances
 Scales, Joe Andrew
 Schafer, Daniel Birch
 Schmincke, Herbert Theodore
 Schneeweiss, Carl Herman
 Scott, Ann McElroy
 Secrest, Mary Covington
 Sellers, Thomas Duncan
 Severance, Harry Wells
 Shafer, Garfield, Jr.
 Shortell, John Joseph
 Shriner, Frances Isobel
 Silleck, Eleanor Lane
 Sinclair, Charles Thomas, Jr.
 Sink, Rachael Christine
 Sisk, Beattie Avery
 Sizemore, Frank Julian
 Skofield, Richard Harris
 Smith, Caleb Van Wyck, Jr.
 Smith, Edward Walter, Jr.
 Smith, Lillian Jones
 Smith, Remus John
 Smith, Thornton Beckham
 Smith, Walter Aldine
 Smithdeal, William Travis, Jr.
 Snellgrove, Harold Sinclair
 Soper, Elgar Clyde
 Souder, Gladys Estelle
 Speicher, Audry Virginia
 Speicher, George F., Jr.
 Spence, Hilda
 Stallings, Edgar Robert
 Steeg, Louis Albert, Jr.
 Stevenson, Eleanor Duncan
 Stritzinger, Theodore Leopold
 Sutherland, George Foster
 Sutton, Elizabeth Beadle
 Swiger, Ernest Cullimore
 Tabb, Horace English
 Taylor, Margaret Virginia
 Taylor, Margaret Willard
 Taylor, Ralph Albert
 TeSelle, Jeannette
 Thomas, Roy Zachariah, Jr.
 Trader, William Dalzell
 Trousedale, Katherine Ellen
 Van Vactor, Martha Elizabeth
 Venning, William Lucas, Jr.
 von der Lieth, Jane
 Wagner, Bernard A.
 Waldrep, Margaret Ann
 Walsh, Robert Eugene
 Warren, Charles Ransome, Jr.
 Watson, Alton B.
 Webb, Harmon Mears
 Webb, John Maurice
 Weil, Richard F.
 Weinheimer, Jack Anthony
 Weinstein, Nathan Irving
 Weintz, Walter Henry
 Welsh, Ida
 Wentz, Earle Jerry, Jr.
 Wesselhoft, Carl Rudolph
 White, George Edward, Jr.
 Whiting, Herbert Griffin
 Whitley, Robert Macon, Jr.
 Whitmore, Austin R.
 Whitmyre, Katherine Janet
 Wildnauer, Fred August
 Williams, Cecil Anderson
 Williams, Luther King
 Williams, Mary Ethel
 Williams, Melvin John
 Wilson, Alexander Gray
 Winfree, Virginia Elizabeth
 Witwer, Ellen
 Woodruff, William Egleston
 Woolf, Herbert Melvel
 Woolsey, Florence Margery
 Wren, James Clay
 Wright, A. Lyman
 Wright, Frederick C., Jr.
 Yelverton, William Norman
 Young, Gorman Pierce
 Zuckerman, Esther

B.S. DEGREE

Barbee, Nancy Habel	Pinson, Ella Pearl
Dick, Robert Hillyer	Roush, Harry
Goodman, Mary Kathryn	Terry, Harold Knight
McQuade, Samuel G.	Watson, John Clarence, Jr.
Peck, Robert Lawrence	

In Civil Engineering

Artley, Will Harman	Meiklejohn, Robert, Jr.
Ballenger, Charles Pendleton, Jr.	Moorey, Ernest Thompson
Bearse, Irving Wood	Schaeffer, Edwin Horace
Borchelt, Thomas Charles	

In Electrical Engineering

Armstrong, Warren Putnam	Somers, Frank Colton
Rushmer, Robert H.	Worman, Truman Harry
Scattergood, Eugene Robert	

In Mechanical Engineering

Cole, Camberne Chambers	Trainor, Joseph A., Jr.
King, John Belding	Turner, William Woodfill, Jr.
Schuerman, Emil Lee	Washer, Chandler Coates, Jr.

In Nursing

Holleman, Matilda Elizabeth

In Medicine

Bridgers, William Henry	Menefee, Elijah Eugene, Jr.
Gonder, Thomas Alphonse, Jr.	Morton, Henry George
Ivie, Joseph McKinney	Sachs, James Wilbur
Kerner, Jeremiah Wolfe	Stroud, George Merritt, III
Leff, William Arthur	Swingle, Hugh Franklin, Jr.

A.M. DEGREE

Allen, Ruth Couch	Lyon, Catharine Hill
Almy, Theodore Benjamin	McCallie, Robert Lewis
Altland, Paul Daniel, Jr.	McLean, Ruth Atkinson
Baker, Virginia Kirk	McNicol, Robert Edwards
Bates, Roger Gordon	Markham, Eleanor Mallory
Beville, Stuart McGuire	Nickerson, Virginia Howard
Black, Elma Jeanette	O'Connell, John Francis
Clark, Charles Branch	Oliver, Henry Madison, Jr.
Correll, Donovan Stewart	Palmer, James Edward, Jr.
Culbreth, Sarah Elizabeth	Peeler, Banks J.
Drummond, Kitty Lomax	Poovey, Maybelle
Fluegel, Edna Rose	Purcell, Mae Maxine
George, Theodore Samuel	Rosenblatt, Max Barr
Hammons, John William	Ryder, Katherine Scribner
Hart, William Maroney	Seigler, Milledge Broadus
Haught, Viva Elizabeth	Stadthagen, Heinz
Hentz, Harold Horace	Timberlake, Emily Kent
Hopkins, John Isaac	Ward, Ellen Gunter
Hurwitz, Arnold Philip	Watson, Karl Brantley, Jr.
Jaffe, David	Whitney, Clara Frances
Kirk, Philip Moore	

M.ED. DEGREE

Brooks, Onnie Estus	Bryson, Daniel Winfred
Browning, Elmer Ross	Deans, Edwina
Browning, Marie Boggess	Henson, Eleanor Elizabeth

McElmurray, Emily Leslie
Mitchell, James Harvey
Skeen, James Morris

Stewart, Burton Gloyd
Thackston, Thomas Jefferson

B.D. DEGREE

Bennett, John Boyce
Bird, Robert Macbeth
Brendall, Earl Hall
Burns, Lacy Harvey
Cody, Ray Spencer
Crow, William Addison
Eaker, William Franklin
Furr, Lester Seymour
Grant, Nicholas Warnum
Haley, Carl Wrenn

Hedden, Forrest Dearborn
Holloway, Lewis Shannon
Jackson, James Fauntleroy
Jones, Hurlan Eura
Mayo, Lewis Allen
McKellar, Ella Clare
Peace, Clifford Hinshaw
Smith, Hampden Harrison, Jr.
Spears, Robert Wright

LL.B. DEGREE

Bomar, Horace Leland, Jr.
Branch, William Lewis, Jr.
Cook, Franklin Henry
Cook, Robert Nevin
Davis, Semeon Benton, Jr.
Goldstein, Harry
Henderson, James MacDougall
Hiller, Russell Leon
Hunoval, Joseph Andreas
Kellam, Edwin Clay
Loeb, Edna
McKeithen, Warren Allston Leland
Maxwell, Mary Louise

Miller, Garnet Edward
Miller, Murry Augustine
Moore, Alvin O'Brien
Murphy, W. D., Jr.
Myers, John Albert
Peterson, Ivar Herbert
Rice, Leon Leftwich, Jr.
Roberson, Paul Dawson
Rubin, Edward
Taft, E. Hoover, Jr.
Upchurch, Walter McGowan, Jr.
Walker, Francis Edgar

M.D. DEGREE

Bridgers, William Henry
Buckner, Frank Wooldridge
Burrill, Benjamin Brooks, Jr.
Chunn, Charles Francis
Denholm, John Sinclair
Dill, Leslie Van Dyke
Edwards, John Watson
Fischbach, Max Wolff
Germer, Harry-Rolf
Greenfield, Jack
Harrell, George Thomas, Jr.
Klenner, Frederick Robert
Massengill, George Kemp, Jr.

Menefee, Elijah Eugene, Jr.
Parsons, Philip Brower
Pishko, Michael Theodore
Schulze, William
Spence, William Thornton
Stevens, Joseph Blackburn
Swingle, Hugh Franklin, Jr.
Szanton, Victor Leo
Thomason, Robert Hendon
Turner, Arthur Fred, Jr.
Uhde, George Irvin
Willis, Candler Arthur

DIPLOMA IN NURSING

Cadle, Evelyn Marie
Cates, Ona Maude
Corbett, Mary Elizabeth
Gambill, Ruth Elizabeth
Hunter, Frances Randolph
King, Mary Emily
McCain, Mary Alice
Moore, Margaret Carolyn

Parks, Virda Llewellyn
Strother, Sarah Elizabeth
Thompson, Elizabeth May
Wehunt, Alice Rosabelle
Wilkinson, Dorothy Mae
Yates, Virginia Holt
Zirkle, Margaret Alice

DEGREES CONFERRED IN ABSENTIA

Bachelor of Arts

Baker, Virginia Kirk
Barwick, William James

Bernstein, Jess
Burnett, Beulah Mae

Eagles, Archie Yelverton
 Gaddis, Mary Trimble
 Hague, Frederick Flowers
 Harding, Alfred John
 Jordan, Sara Louise
 Linney, Mary Frances
 Lyon, Catharine Hill
 Minor, Jane Elizabeth

Pardue, Mary Humphreys
 Patterson, Hubert Clifton, Jr.
 Prindle, Harrison
 Ramsaur, Genevieve
 Sherwood, Reuel Edwin, II
 Smith, Elizabeth Flowers
 Trowbridge, Eleanor Goodhue
 Whittemore, Ethel Emilie

Bachelor of Science

Weaver, Joseph Walter

Bachelor of Science in Electrical Engineering

Julian, Lloyd Price

Pearson, George Albert, Jr.

Bachelor of Science in Medicine

Dill, Leslie Van Dyke

Edwards, John Watson

Master of Arts

Baisden, Louis Almer
 Baldwin, Clinton Theodore
 Barocco, Orlando Iderico
 Bell, Mary Catherine
 Boggs, Mary Amber
 Bond, Wita Avis
 Buchanan, Grace Evelyn
 Caldwell, John Tyler
 Chalker, Robert Phelps
 Chandler, Everett Roller
 Clarkson, Helen Elizabeth
 Coleman, Donna Elizabeth
 Cornwell, William Samuel
 Covington, Bessie
 Day, William Franklin
 Dusseau, John LaFontaine
 Espy, Gladys
 Evancoe, Paul John
 Flory, Lula Mae
 Harrison, Francis Eugene, Jr.
 Henderson, Mary Elizabeth
 Hester, Ernest Carrington

Horn, Herman Lionel
 Hudson, Lucile Burruss
 Hughes, Homer Howard
 Humrichouse, Ann Stockton
 Illich, Mary Virginia
 James, Helen Rebecca
 Johnson, Aliene
 Joslin, Vinnie Rona
 Maxwell, Edith Crawford
 Meyer, Ambrose Eden
 Miller, James Kyle
 Mouton, Eve Rita
 O'Connor, Ruth
 Rice, Ruth Smith
 Rimmer, Maude Ella
 Ross, Ella Virginia
 Rundlett, Thurman Learoyd
 Sloan, Marion Lucile
 Snowden, Jesse Otho
 Turner, Anne
 White, Mary Rebecca
 Wildman, Edith Grace

Master of Education

Alexander, Thomas Ley
 Burgess, James Rowland, Jr.
 Davis, Ira Claude
 Hoag, Merritt Eldred
 McCormick, Dwight Williams
 Mitchell, John Aubrey
 Otey, Cosby Millard
 Parkhurst, Amos James

Pearce, Lora May
 Pritchett, Leo Kluttz
 Reuter, William Leo
 Rountree, Elliott Moye
 Shaw, Daryl Winston
 Sims, Clara Mabel
 Strange, William Ernest
 Thompson, Paul Everett

Bachelor of Laws

Gibson, Fillmore Sloan

Doctor of Medicine

Braun, Edgar Marx
 Collins, Charles Anthony
 Cortes, Gabriel Hernando

Costich, Kenneth John
 Cramer, Charles
 Fox, Herbert Junius

Harris, H. Patterson, Jr.
 Jenkins, Arthur M.
 Jones, Roderic Orlando
 Kavanagh, William Paul

Marion, Donald Feige
 Ricketts, Edwin Tyson
 Shields, Ralph Kenneth

Diploma in Nursing

Williams, Mary Cornelia

PH.D. DEGREE

- Adams, John Clinton, A.B., University of Pennsylvania; A.M., Duke.
 Dissertation: *European Diplomacy and the First Balkan War.*
- Agnew, Charles Donald, A.B., Park College; A.M., Duke.
 Dissertation: *The Effect of Varied Amounts of Phonetic Training on Primary Reading.*
- Askew, William Clarence, A.B., Mercer University; A.M., Duke.
 Dissertation: *Europe and Italy's Acquisition of Libya: a Study in Mediterranean Politics and European Alignments, 1911-1912.*
- Billings, William Dwight, A.B., Butler University; A.M., Duke.
 Dissertation: *The Structure and Development of Old Field Shortleaf Pine Stands and Certain Associated Physical Properties of the Soil.*
- Dearborn, Donald Curtis, A.B., Hastings College; A.M., University of Nebraska.
 Dissertation: *Inequalities Among the Invariants of Pfaffian Systems.*
- Dillon, Conley Hall, A.B., Marshall College; A.M., Duke.
 Dissertation: *The Interpretation and Revision of International Labor Conventions.*
- Gibson, William Marion, A.B., University of Richmond; A.M., Duke.
 Dissertation: *Some Legal Aspects of the National Treatment of Aliens in the United States: a Study of the Definition and Protection of Personal Rights Accorded Aliens in the United States.*
- Harton, John James, A.B., Hendrix College; A.M., George Peabody College.
 Dissertation: *The Influence of Effort, Persistence and Types of Goal Organization on the Estimation of Time.*
- Hobbs, Marcus Edwin, A.B., A.M., Duke.
 Dissertation: *The Determination of the Dielectric Constants of Certain Gaseous Substances.*
- Jacokes, James Warner, Jr., B.S., Union University.
 Dissertation: *The Determination of the Dielectric Constants of Certain Dilute Non-Aqueous Solutions.*
- Jarman, Laura Martin, A.B., Mary Baldwin College; A.M., Duke.
 Dissertation: *Edmond and Jules de Goncourt, Modernists in Abnormal Psychology.*
- Jordan, Thomas Earl, B.S., Atlantic University; M.S., University of Richmond.
 Dissertation: *An Investigation of the Reactions of Certain Acyl-Aldoximes with Bases.*
- McCutcheon, Frederick Harold, B.S., M.S., North Dakota Agricultural College.
 Dissertation: *Hemoglobin Function during the Life History of the Bullfrog.*
- Morgan, Jasper Eugene, B.S., Wake Forest College; A.M., Duke.
 Dissertation: *Cosmic Ray Shower Production in Various Elements.*
- Patterson, Marguerite Tiffin, B.S., University of Washington; M.S., University of Colorado.
 Dissertation: *The Cellular Structure of the Digestive Organs of the Passalus Beetle.*
- Pratt, Joseph Gaither, A.B., A.M., Duke.
 Dissertation: *Experimental Investigations of Discriminative Learning in Rats.*

Pullias, Earl Vivon, A.B., Cumberland University; A.M., University of Chicago.

Dissertation: *Disparity in Results from New-Type or Objective Tests Constructed to Measure the Same Abilities.*

Rankin, John Stewart, Jr., A.B., A.M., Wesleyan University.

Dissertation: *An Ecological Study of the Parasites of Some North Carolina Salamanders.*

Reed, John Frederick, A.B., Dartmouth College; A.M., Duke.

Dissertation: *Root and Shoot Growth of Shortleaf and Loblolly Pines in Relation to Certain Environmental Conditions.*

Spangler, Helen Virginia, A.B., M.S., West Virginia University.

Dissertation: *The Anatomical and Histological Results of Potassium Deficiency in Tomato and Tobacco.*

Truesdale, James Nardin, A.B., A.M., Duke.

Dissertation: *A Comic Prosopographia Graeca.*

Williford, Annie May, A.B., Anderson College; A.B., Barnard College; A.M., Columbia University.

Dissertation: *The Political Life of Robert Harley, Earl of Oxford and Mortimer.*

DEGREES CONFERRED IN ABSENTIA

Irons, George Vernon, A.B., A.M., University of Alabama.

Dissertation: *The Secession Movement in Georgia, 1850-1861.*

Porterfield, Austin Larimore, A.B., Oklahoma City University; A.M., Drake University; B.D., Phillips University.

Dissertation: *The Function of Imagination in Social Research.*

Rintelen, Joseph Charles, Jr., B.S., Brooklyn Polytechnic Institute; M.S., Cornell University.

Dissertation: *The Study of the Solubility of a Series of Organic Compounds in Water at Various Temperatures.*

HONORARY DEGREES

DOCTOR OF DIVINITY

Charles Clinton Weaver

Edwin McNeill Poteat

Jesse Lee Cuninggim

DOCTOR OF LAWS

Henry Nelson Snyder

Robert Emory Blackwell

Sao-Ke Alfred Sze

DOCTOR OF SCIENCE

Hardin Franklin Taylor

HONORS IN GRADUATING CLASS

Summa Cum Laude

Friemel, Betty

Nusbaum, Herbert Strassburger

Isenhour, Catherine

Robinson, Henry Schroder

Magna Cum Laude

Baker, Virginia Kirk

Pohl, Herbert Ackland

Bowman, Ruth

Roe, Marion

Cooley, Edward William

HONORS IN DEPARTMENTS

Chemistry—Cooper, Gerald Rice; Peck, Robert Lawrence; Pohl, Herbert Ackland.

Economics—Everitt, George Bain, Jr.; Harris, Henry Laurens

English—Bennett, Ruth; Hudson, Nancy Richmond; Ivey, Mary Frances;
Weintz, Walter Henry
German—Ancrum, Calhoun, Jr.
Greek—Robinson, Henry Schroder
Political Science—Burford, Albert Lee, Jr.; Friemel, Betty; Nusbaum, Herbert
Strassburger; Powell, Rufus Heflin, III

JUNIOR HONORS

Anderson, Marie	Duehring, Virginia
Bagley, Marianna	Frantz, Ivan DeRay
Bassett, Paula	Jackson, Frederick Raymond, Jr.
Bistline, James Adams	Kreider, Clarence Wenger
Brach, Earl Tilton	Menaker, Jerome Seymour
Brown, James Walter, Jr.	Pait, James Albert
Bussell, Wilsie	Poole, Helen
Cleaveland, Frederic Neill	Post, Edward Ernest, Jr.
Collins, Harold Reeves	Redfern, Virginia
Cox, Headley Morris, Jr.	Seymour, Dorothy
David, Joseph Kalil	Slingluff, Hambleton, Jr.
Duehring, Frederica	

SOPHOMORE HONORS

Auld, Fan	Jenkinson, Harvey Thorndyke
Baggs, Genevieve	Jones, Perry Lee
Bane, David Morgan	Jones, Thomas Ogburn
Baum, Ralph Etheridge	Kirkpatrick, Frances
Bransford, Paul Wesley	Kuperman, Jesse Paul
Cooke, Russell Yale	Morton, Margaret
Daniel, Annie Whitty	Ris, Howard Clinton
Dowling, Arthur Joseph	Russell, Horace, Jr.
East, Jane	Schmidt, Martha Kate
Fine, Milton Jerome	Sheehan, Donald Henry
Flowers, Harold Lee	Townsend, Roberta
Fortness, Cameron	Wade, Luther Irwin
Greenfield, Bruce Harold	Webster, Thomas Preston, Jr.
Haardt, Werner William	

FRESHMAN HONORS

Arthur, Sara	Liverant, Freda
Baker, Ellis Thomson	Margolis, Kathryn
Brooks, Ray	McGimsey, James Franks, Jr.
Cloud, Dorothea	Patterson, Mildred
Coppedge, Everette Peter	Phillips, Susan
Daane, James Dewey	Rettew, Janet
Few, Kendrick Sheffield	Rieger, Vivian
Finger, Margaret	Scott, Leroy Alexander
Horack, Benjamin Shambaugh	Tabor, Countess
Kelly, Jane	Van Voorhis, Robert Henry
Landreth, Charles E.	

DEGREES AND HONORS CONFERRED (1937)

A.B. DEGREE

Abbott, Edwin Ball	Bruns, John Jerome, Jr.
Adams, Dorothy Anna	Budd, Walter Pemberton, Jr.
Adams, Ellen O'Neai	Bullock, Isaac Weldon
Adams, Randal Barker	Burd, James Edward Laurence
Adams, Ruth Mildred	Burger, Josephine Terry
Akin, Sarah Elizabeth	Burgess, Woodrow William
Allaire, Constance Gwynne	Burrell, Clayton Jay
Alterman, Abraham Asa	Burwell, George Allen
Anderson, Marie Willard	Bussell, Wilsie Florence
Andrus, Nonia Elizabeth	Bynum, Eva Page
Appleford, George Burton	Byrn, Mary Lalla
Armstrong, Mina Gary	Carden, Russell Campbell
Arnold, Lee	Chapman, Mary Westbrook
Ashby, Henry Nicholson	Childs, Frances Mabel
Atkins, Emmett Day, Jr.	Clark, Frederick Eugene
Auld, Mary Elizabeth	Clarke, Claire Belle
Austin, Richard Erwin	Cleaveland, Frederic Neill
Ayers, Jean Elizabeth	Cline, Gwendolyn
Bagley, Mariana Dosch	Coffey, Marion Elizabeth
Bailey, George Robert	Cole, Dorothy Proctor
Baldwin, Reuben Lynwood, Jr.	Cole, John Totterdale
Ballard, Carroll Chadwick	Collins, Harold Reeves
Barber, Horace Eldridge	Cone, Arthur Read, Jr.
Barley, George William	Conlee, Van-Wyck Burt
Barnham, Ernest Dudley, Jr.	Connell, Margaret Norvell
Barnhardt, Nell Virginia	Coppedge, Eleanor Browne
Barrs, William Kenneth	Corriher, Walter Douglas
Bassett, Floy Paula	Cosgrove, Walter Arthur
Baum, Ralph Etheridge	Cottingham, William Thomas, Jr.
Bean, Robert Thompson	Cowan, Robert Love
Beard, Francis Dean	Cox, Headley Morris, Jr.
Beasley, Raymond Ellis	Craven, Isobel
Beebe, Jean Kirkland	Crum, Emilie Wannamaker
Beich, Paul Marion	Culbertson, Martha Jane
Bennett, Floyd Sheddian, Jr.	Daniel, Barbara
Bistline, James Adams	David, Joseph Kalil, Jr.
Bland, Jessie H.	Davis, Dorothy Ames
Boepple, William Alexander	Davis, George Drennen
Boyd, Anna Locke	Day, Donna Margaret
Boyle, Kenneth Monroe McDonald	Day, Doris Maude
Boylston, Bedford Forrest	Day, Henry Fenton, Jr.
Brach, Earl Tilton	Deneen, Russell Sanders
Brady, William Herman	Desvernine, Eugene
Breisch, Ethel Aquelia	Dewey, Marguerite DeVane
Brinn, Sarah Ellanora	Doty, Roy Anderson, Jr.
Brown, Edwin Wells	Duckett, Sara Brock
Brown, James Walter, Jr.	Duehring, Frederica Elizabeth
Brown, Jean Fontaine	Duehring, Virginia Atwell
Browne, Barbara Marian	Eastwood, Howard, Jr.
Brune, Jerome Seymour	Eberly, Charles Clyde, Jr.

Edwards, Frances Willett
 Edwards, Lillian Margery
 Ellis, Margaret Aileen
 Ewing, Sam Watson
 Fager, Richard Fulton
 Fairchild, Albert Royal, Jr.
 Faires, Ethel Elizabeth
 Ferguson, Frank Davis, Jr.
 Ferris, Douglas Willson
 Fischer, Monroe Carl
 Fisher, William Henry, Jr.
 Flanagan, Helen Harriet
 Flanagan, Ruby Kathleen
 Fletcher, Albert William
 Forrest, Russell John
 Fox, Lafayette Palmer
 Frantz, Ivan DeRay, Jr.
 Fraser, Hortense Mabelle
 Friedlander, Irwin
 Fuller, Stephen Bliss
 Fulmer, William Henry
 Gantt, Hazel Ann
 Garmon, Esther Elizabeth
 Gates, Martha Virginia
 George, Judson
 Gibbons, Julius Joyce, Jr.
 Gilbert, Earl Swope
 Gill, Charles Howard
 Gillander, Robert Carlisle
 Ginsberg, Harold Samuel
 Gladstein, Hazel Leona
 Goddard, Marjorie
 Goldstein, Samuel
 Goode, Joseph Roland, Jr.
 Gorringe, James Norman
 Gostin, Seymour Bernard
 Gourley, Robert Dunseith
 Graham, Bessie Ewing
 Gray, Edward Lee
 Green, Amelia Eleanore
 Green, Warren Thornton, Jr.
 Griffin, James Albert, Jr.
 Griffith, Erma Ellen
 Grow, Virginia Maxine
 Guerin, Briant Bowman
 Gwin, Anne
 Ham, Alan Weightman, Jr.
 Hammer, John Dillon
 Hanes, Pleasant Huber, Jr.
 Harris, Christine Elizabeth
 Harris, Mary Trapp
 Harris, Roger Kennedy
 Harte, Sheldon Robert
 Heddesheimer, George Henry
 Henson, Frances
 Herrick, Albert Louis
 Hessick, Lucile May
 Hintermeister, Richard Fredrick
 Hirst, Donald Vincent
 Hoffman, John Edward
 Horneffer, Laurence Grant
 Hough, Thomas Bryant
 Howard, Robert Glen
 Hoyle, Enoch Marvin
 Hughey, Mattilee Nicholson
 Hunt, Elizabeth Ann
 Hunter, Robert Gray
 Ibbeken, Gunther Henry
 Izard, Anne Rebecca
 Jacobs, Albert Gentel
 Jenkinson, Richard Dale, Jr.
 Johnson, Eddie Hyacinth
 Johnston, Elizabeth Ann
 Johntz, Frederick Fones
 Jones, Chester George
 Jones, Ethel Hope
 Jones, Robert Lyon
 Kay, Robert Eynon
 Keith, Gilbert Lewis
 Kellmeyer, Fred Norval
 Ketcham, Frederick
 Ketchum, Paul Freley
 Kiker, Marion Joanna
 Kimmerle, Roy Charles
 Kincheloe, Mary Lou
 King, John Cheves, Jr.
 Kirkpatrick, Catherine
 Klock, John Douglas
 Knapp, James Edward
 Kneipp, John Albert
 Knight, Agnes Estelle
 Koehler, Grace-George
 Kolb, Harvey Arthur
 Koonce, John Edward, Jr.
 Kreider, Clarence Wenger
 Kritzer, Morton Daniel
 Kueffner, Charlotte Margaret
 Lackey, Archer Evans
 Laing, Bess
 Lambeth, James Erwin, Jr.
 Lane, Eleanor Elizabeth
 Larzelere, Helen Claire
 Latchem, Charles Webb
 Leach, Dorothy Elizabeth
 Lee, Eugene Raymond
 Leidy, Joseph Victor
 Leinbach, Emeline K.
 Leland, Roderic Schuyler
 Lengler, Robert Edward
 Lentz, Beth
 Lewis, Frances Cofer
 Lindsay, Frances Gordon
 Lins, Harriet Jane
 Litterst, Harry Bertrand
 Louis, William Krizek
 Lytle, Virginia Eliza

- MacNutt, Doris Friend
 McCowan, Jean Elmora
 McDonald, Flemmon Pernel
 McElwrath, Brooks
 McFadyen, Oscar Lee, Jr.
 McMaster, Gerald Thomas
 Manifold, Edward Wiest Lanius, Jr.
 Markham, Charlotte Boyd
 Marshall, Charlotte Amelia
 Maryott, Arthur Allen
 Mason, Herbert Alexander, Jr.
 Mayes, Eleanor
 Menaker, Jerome Seymour
 Merrill, Frances Eloise
 Meyerson, Stanley Phillip
 Michler, Ruth
 Millar, Mary Gertrude
 Miller, Edmund Solomon Lenhart
 Miller, Jean Marion
 Miller, Virginia Evelyn
 Milnes, Randolph Gilman
 Moffitt, Walton Denson
 Montague, Kathryn Louise
 Moore, Frederick Porter, III
 Moore, Huber Hanes
 Moore, John Shelby
 Moore, Mary Barrow
 Morris, Lewis Harry
 Moyle, Samuel Boddie
 Münster, Ralf Friedrich William
 Murray, Thomas Jones
 Neuburger, Charles Rentall
 Newcomb, Virginia Elliott
 Newsom, Tempe Garrett
 Newton, Holmes Ely
 Nicholson, Mariana
 Nicks, Robert Lee
 Nolde, Althea Estelle
 Nothdurft, William Herman, Jr.
 Oliver, James Ernest
 Ondek, John Paul, Jr.
 Ould, Dorothy Sue
 Owen, Richard Holland, III
 Owen, William Nathaniel
 Paist, John Brooks, Jr.
 Pait, James Albert
 Parker, Lentz Kegley
 Parker, Tekla
 Pate, Nancy Lee
 Patterson, Carroll
 Patterson, Richard Anthony
 Peck, Charles Bert
 Peoples, Clary Webb
 Pepper, John Robertson
 Peterson, Anita Frances
 Pettit, Paul Herchel
 Phillips, Helen Frances
 Phinney, Carleton Clifford
 Pierson, Corydon Boyd
 Phippen, Jean Ann
 Pless, John Albert
 Podger, Kenneth Arther
 Poggi, Robert Roger
 Pollard, Betty Frances
 Poole, Helen
 Porter, Alline
 Portz, John Taylor
 Powell, Elizabeth Randolph Preston
 Pruitt, Charles Eugene
 Ramsey, William Horn, II
 Rankin, Catherine MacAulay
 Ranson, Alma Lloyd
 Rauschenberg, Lucy Seitz
 Rea, Ruth
 Redfern, Virginia Stuart
 Reeves, Virginia
 Reichert, Walton Bowen
 Reist, Anne Louise
 Rich, Helen Barbara
 Richey, Virginia Barmore
 Ricks, William Pittman
 Riley, Elizabeth Covington
 Ritchie, Camilla Jane
 Roberson, Helen Longworth
 Rockett, Ralph Leon
 Rogan, Edna Carlton
 Rogers, Edwin Davis
 Rose, Merrill Mitchell
 Sally, Hilda Lee
 Salmon, George Gilbert, Jr.
 Sanders, James Robert
 Sasscer, Elizabeth Anne
 Satterfield, Frank Griffin, Jr.
 Scarborough, Henry Baldwin
 Schaffle, Evalyn Wilson
 Schaub, Berkley Victor
 Schlesinger, Willard Raphael
 Schmitt, Donald Henry
 Scott, George Ryland, III
 Scott, John Green, Jr.
 Scull, Thomas Robinson
 Sellers, William Harrison
 Selser, Joseph Knight
 Seymour, Dorothy Hall
 Sharkey, Norman Stone
 Shaw, Martha Luelle
 Shaw, Philip Sidell
 Shehan, William Mason, Jr.
 Shelnutt, Harold Harper
 Shields, Richard Allen, Jr.
 Shore, Culver Cary
 Shuff, Charles Wesley, III
 Siehler, Charlotte Mae
 Sills, Pattie Marie
 Simmons, William Pinckney
 Simpson, Paul Ervin

Slay, James Matthew	Wade, Helen Justine
Slingluff, Hambleton	Wagner, Anna Georgia
Small, Elizabeth Fletcher	Waits, Harriet Elizabeth
Smith, C. Manning	Walker, Jessie Louise Hertz
Smith, Frances Carrell	Walker, Lucia
Smith, Franchelle	Wall, Roger Hull
Smith, Haddon Hartung	Walter, Clark, Jr.
Smith, Helen Fraser	Warren, Louise Cabell
Smoot, William Irvin	Warren, Mary Louise
Snook, Edith Louisa	Washburn, Margaret Edyth
Southgate, Thomas Fuller, Jr.	Waters, Ella Harriss
Spcir, Ross Clarence, Jr.	Weinstein, Milton Nathaniel
Stallings, Oscar Grant	Welfare, Bradley Lamar, Jr.
Stauffer, Charles Clarence, II	White, Margery Kathryn
Stevenson, Robert Mahaffey	Whitehead, Ola Belle
Stewart, John Morris	Whitmore, Ada Ward
Stewart, Robert Plummer	Wilkes, John Edwin, II
Strother, Edith Angeline	Wilkinson, Carol Conant
Sullivan, Henry Glenn	Wilkinson, Robert Austin
Taliaferro, Richard McCulloch	Williams, Mildred Cordier
Teed, Shirley Roberta	Williams, Sarah Elsie
Thoman, John Beck	Williams, William Robert
Thompson, Frances Gayle	Willis, Rebecca
Thornton, Wilfred Harkness	Wilson, Donald Ross
Tobin, Mary Theresa	Winton, Ernest Avery
Toner, Aimee Leila	Witcover, Henry Wallace, II
Topping, Munford Ellis	Womack, Sara Sue
Tritle, Catherine Witbeck	Womble, William Fletcher
Tuttle, John Spencer	Wood, Doris Lynnette
Upchurch, Herbert Jackson	Wright, John Malcolm
Upchurch, Kathrine Manning	Wright, Walter Caldwell, Jr.
Van Nostrand, Norman Wyckoff, Jr.	Wunder, Clarence Edmond, Jr.
Van Wiemokly, Seymour Stephen	Zambone, Joseph Harry, III
Vickers, Mary Kilgo	Zecher, Margaret Ann

B.S. DEGREE

Andrews, Vernon Liles	Sapp, Clarence Joseph
Ellerson, Elizabeth Carmichael	Smart, Gardner Ford
Haines, Risley Frith	Stallcup, Mary Jane
Jennings, William Champe	Stube, Doris Joy
Jester, Joseph Richardson	Weston, Robert Lewis
Korstian, Kenneth Clarence	White, Katharine Elinor
McDermott, John Joseph	

In Civil Engineering

Baker, Charles Harvey, Jr.	Laird, Knight
Beazley, Richard Lee	Pettengill, Francis Washburne
Bode, Helmuth Hendrick	Plumb, Charles Seymour
Buck, Robert Earl	Rice, Leaming Moore, Jr.
Gellert, Walter George, Jr.	

In Electrical Engineering

Byrum, Charles Forrest	Karakash, John J.
Daugherty, Robert Hicks, Jr.	Shemet, Alexander Michael
Edmunds, I. Arnold	Vail, Charles Rowe
Jackson, Frederick Raymond, Jr.	

In Mechanical Engineering

Alberts, John Christian	Jones, Arthur Sidney H., Jr.
Alexander, Wendell Wells	Lauther, Frederick Ralph
Boyce, Stanley Francis	Liller, Melvin Henry
Cornish, Donald Cross	Martin, Robert Doane
Cummings, Robert Winthrop, Jr.	Nicholas, Donald Yeager
Edwards, William Malcolm	Parzick, Vincent John
Hardin, James Carlisle, Jr.	Stube, William Masten

In Nursing

Clapp, Dora Elizabeth	Moore, Margaret Carolyn
Humphrey, Frankie	Peele, Margaret Lois
Marr, Leta Mae	Sharp, Annie Hill

In Medicine

Baer, George James	Martin, David William
Horack, Harold MacLachlan	Perry, R. Mel
Lee, Lyndon Edmund, Jr.	Whildin, James Griffith

A.M. DEGREE

Adams, Ruby Irene	Glenn, Vivian Eugene
Agnew, Virginia Miller	Gaugenty, Mary Clementina
Albright, Willie Thelma	Guice, Clarence Norman, Jr.
Alexander, Ruth	Hall, Thaddaeus Bland
Alford, Attie America	Hallowell, John Hamilton
Anderson, Marcia Lee	Hedeman, Emma Ruth
Askew, Alice Washburn	Hess, John Henry
Autry, John Duncan Asbury	Hettinger, Charles Paul
Bagby, James Willis, Jr.	Hewell, Onyce Olive
Ball, Esther Judson	Hillard, Frances Pauline
Beaven, Evelyn Sherwin	Hooper, Winona Elizabeth
Beaven, George Francis	Hopkins, Elizabeth Gertrude
Birch, Olive Georgeanna Mary	House, James Harwell, Jr.
Bonfoey, Winifred Lee	Jacobs, Donald Harry
Bowden, William Robert, Jr.	Johnson, Keith Whitaker
Bowman, Clarice Margaret	Kelley, Rhoda Athaleene
Branford, Walter Avery	Ketchum, Margaret Mae
Brown, James Wilson	Key, Francis Bromley
Burt, Everett Johnson, Jr.	Kimler, Verna
Chitwood, Elizabeth Anne	King, Joseph Jerone, Jr.
Creegan, Robert Francis	Kirby-Smith, John Seldon
Cruikshank, Margaret Jones	Knight, Lofton Lacie
Cummings, Willetta Bernadine	Lanckton, Arthur Leroy
Davis, Virginia Bridges	Lott, Audrey Peacock
Depew, Arthur McKinley	McAfee, Janet Brokaw
Dickerson, Robert Turpin	McCall, Margaret
Dorsett, Edward Cruttenden	Mann, Bess Mae
Farmer, Thomas Wohlsen	Miller, Paul
Few, Lyne Starling	Moore, Katherine Boude
Fike, Cora Ruth	Moorman, Claude Thurman
Finan, John Lincoln	Mount, Elizabeth
Flinner, Laurence Victor	Pegram, Margaret Hanner
Foster, Hazel Elizabeth	Phelps, George Thomas
Garren, Kenneth Howard	Purcell, Wilbur Hallam
Garrett, Gordon Hughes	Reichert, Albert Phillips
Gillespie, Helen	Richmond, William Dickenson
Gilmer, Lula Jane	Robertson, Hettie Marian

Scovel, Jackson
 Shaffer, Donald Wade
 Sharp, David Gordon
 Sheese, Mildred Libbie
 Smart, Virginia Lee
 Smith, Benjamin Lee
 Smith, Burke McGuire
 Smith, Pauline Duggan
 Storey, George Gilbert
 Stuckey, James Morlan

Timmerman, John Ranson, Jr.
 Tobin, Catherine Elizabeth
 Townes, Charles Hard
 Turquette, Atwell Rufus
 Vigal, Joseph Clifton
 Weaver, James Calvin
 Wilcox, David Henry, Jr.
 Wilson, Graves Humbert
 Woodall, John Burwell
 Zimmerman, Carroll Louis

M.ED. DEGREE

Adams, Robert Lausch
 Bogue, Helen Sarah
 Bowles, Madison Harwell
 Caffrey, Mary Margaret
 Collins, Elmer Harland
 Cooke, Cecil Dennis
 Dalton, William Theophilus, Jr.
 Dotson, Roy
 Dunn, Elmer Cowan
 Felder, Helen Elise
 Hannen, Lew Wallace
 Hassell, Allene Brinkley
 Head, Philemon Ernest
 Henry, Howard Emerson
 Hoffman, George Peters
 Holt, Nancy Binford
 Jacob, James Arnold
 Jones, Stella Marie

Keith, Harry Dale
 Leenhouts, Laura Nelja
 Longanecker, Edwin Snyder
 Lupien, Alfred Louis
 McCormick, Addie
 McGhee, Grant Oliver
 May, William Henry
 Rice, Clinton Posey
 Richmond, John Ashley
 Schrack, John Howard
 Shockloss, Michael Daniel
 Swim, Riley Cecil
 Tyler, Karlie Reed
 Weddle, William McKinley
 Williams, Ellis Downing
 Winter, George Virgil
 Withers, Clarence Maxwell

B.D. DEGREE

Andrus, William Darwin
 Breazeale, James Branson
 Burns, Lacy Harvey
 Copeland, James Marion
 Cox, Abram Jones
 Duffe, George Summers
 Dunn, Millard Charles
 Ellenberg, John Vinson
 Fast, Jennings Howard
 Gruver, Esdras Stuart
 Hartz, Edwin Ruben
 Hozendorf, Connie Ray

Jones, Sam Bruce
 Kimbrell, Charles Wesley
 Lee, Robert Steele
 Lewis, Henry Barton
 Mullis, Dwight Bruton
 Phibbs, Andrew Frank, Jr.
 Pledger, William Ferrell
 Randall, Eugene Boyd
 Reese, Malcolm Cephus
 Shinn, Fred Harris
 Townsley, Inman Ueber
 Willis, Sidney Lane

LL.B. DEGREE

Albrink, Frederick Stockman
 Baird, William Jesse, II
 Brooks, Arthur Alford, Jr.
 Brownfield, Lyman Hugh
 Fay, J. Richard
 Haley, James Meredith
 Henderson, David Henry
 Holland, John Mack, Jr.
 Hunter, Ethel Farley
 Kiefer, Richard Wagner
 Lanier, Helen Lucile
 Leathers, Harland Francis
 Lybrook, William Reynolds

McConnell, John Daniel
 McCown, Hale
 Moyle, Samuel B.
 Nissen, Carl Hans
 Nixon, Richard Milhous
 Perdue, William R., Jr.
 Phillips, Caroline Mary
 Smith, Emma Lee
 Stoel, Thomas Burrowes, Jr.
 Troxler, Therman Joseph
 Washburn, William Edward
 Whitener, Basil Lee
 Williams, Glenn Davis

LL.M. DEGREE

Moyle, Samuel B.

M.D. DEGREE

(Numbers after names of candidates for M.D. indicate the time when they completed their work at the Medical School.)

- | | |
|--|--|
| Adams, Raymond DeLacy
(12-19-36) | Marsicano, Anthony Ralph
(3-20-37) |
| Adkins, Trogler Francis (12-19-36) | Martin, David William (6-7-37) |
| Alter, Francis William, Jr.
(6-7-37) | Martin, James Risto (3-20-37) |
| Axelson, Gordon Joseph (3-20-37) | Moore, Frank Richardson (6-7-37) |
| Badanes, Maynard B. (9-5-36) | Morrow, Arch Sherrod (12-19-36) |
| Baylin, George Jay (3-20-37) | Moseley, Vince (12-19-36) |
| Burge, Julius C., Jr. (6-7-37) | Naumoff, Philip (6-7-37) |
| Dein, Harry Leonard (3-20-37) | Newbern, Walter Relfe (6-7-37) |
| Drummond, William Franklin
(3-20-37) | Nitschke, Richard Ellwood (6-7-37) |
| Fugate, Robert Carson (3-20-37) | Ould, Carlton Lee (3-20-37) |
| Glass, William Henry (6-7-37) | Pachman, Daniel J. (9-1-34) |
| Gose, Aubrey Crafton (6-7-37) | Pate, Archibald Hanes (6-7-37) |
| Gray, Cyrus L., Jr. (6-7-37) | Phillips, William (9-5-36) |
| Haines, Charles Edgar, Jr. (6-7-37) | Postlethwait, Raymond W.
(3-20-37) |
| Harvey, Harold Ira (6-7-37) | Provinsky, Leo Bernard (12-19-36) |
| Henderson, Alfred Faxon (6-7-37) | Reed, Howard Lorenzo (9-5-36) |
| Herrington, Marvin Swindell
(3-20-37) | Self, William Osce (6-7-37) |
| Hornick, Newton (6-7-37) | Sheehy, James Edward (6-7-37) |
| Kerner, Jeremiah Wolfe (9-5-36) | Spring, William C., Jr. (9-5-36) |
| Kinney, Thomas DeArman (9-5-36) | Stevick, Charles Paul (9-5-36) |
| Leff, William Arthur (12-19-36) | Street, M. Eugene, Jr. (3-20-37) |
| Lovell, Durward Lee (12-19-36) | VanArsdall, Condit Brewer, Jr.
(6-7-37) |
| McAllister, Hugh Alexander
(6-7-37) | Whildin, James Griffith (6-7-37) |
| | Wilson, James Stevenson (3-20-37) |
| | Wilson, Wesley Wellington
(3-20-37) |

DIPLOMA IN NURSING

- | | |
|---------------------------|--------------------------|
| Atkinson, Glenora Pauline | Hodges, Charlotte Irby |
| Bell, Joyce Louise | Holley, Clara Mildred |
| Black, Frances Goldsmith | Lineberger, Mary Louise |
| Blakely, Margie Dean | Lopp, Lucille |
| Brooks, Ida Florence | McAdams, Annie Marie |
| Bryant, Hazel Marguerite | McDavid, Virginia Benett |
| Estes, Frances | Marr, Leta Mae |
| Gillam, Hazel Lee | Peele, Margaret Lois |
| Gladstone, Annie Laurie | Wooten, Julia Speight |
| Hampton, Julia Sprague | |

PH.D. DEGREE

- Altland, Paul Daniel, Jr., B.S., Gettysburg College; A.M., Duke.
Dissertation: *Cytology of the Hypophysis of the Fence Lizard, Sceloporus Undulatus Undulatus Latreille.*
- Bates, Roger Gordon, B.S., Massachusetts State College; A.M., Duke.
Dissertation: *Equilibria in Cadmium Iodide Solutions.*
- Beck, Lewis White, A.B., Emory University; A.M., Duke.
Dissertation: *Synopsis: A Study in the Theory of Knowledge.*

- Bettersworth, John Knox, A.B., Millsaps College.
Dissertation: *Confederate Mississippi*.
- Bloom, Leonard, B.S., A.M., Boston University.
Dissertation: *The Acculturation of the Eastern Cherokee*.
- Brody, Leon, A.B., M.S., College of the City of New York.
Dissertation: *The Testing and Analysis of Certain Types of Verbal and Non-Verbal Reasoning*.
- Clayton, William Joseph, A.B., Southeastern Teachers College; A.M., Duke.
Dissertation: *Equilibria in Cadmium and Zinc Oxalate Solutions*.
- Eckard, Edwin Woodrow, A.B., Marshall College; A.M., Duke.
Dissertation: *Economics of W. S. Jevons*.
- Eskridge, Thomas Joseph, Jr., A.B., Emory and Henry College; A.M., George Peabody College for Teachers.
Dissertation: *Growth in Understanding of Geographic Terms in Grades IV to VII*.
- Gardner, Eugene Elmore, B.A., Furman University; A.M., University of Chicago.
Dissertation: *Brunctiere and the Doctrinaire Critics of the Twentieth Century*.
- Godcharles, Charles Augustus, A.B., Bucknell University; A.M., Duke.
Dissertation: *Some Contemporary Political Theories Philosophically Considered*.
- Hard, Walter Leon, A.B., Albion College.
Dissertation: *The Spermatogenesis of the Lycosid Spider, Schizocosa Crassipes (Walckenoer)*.
- Kates, Kenneth Casper, A.B., St. Stephen's College; A.M., Duke.
Dissertation: *Mitochondria in the Male Germ Cells of the Guinea Pig*.
- Keech, James Maynard, A.B., A.M., Duke.
Dissertation: *Workmen's Compensation in North Carolina*.
- MacColl, Sylvia Hazelton, A.B., A.M., Smith College.
Dissertation: *A Comparative Study of the Systems of Lewin and Koffka with Special Reference to the Interpretation of Memory Phenomena*.
- McCarrell, David Kithcart, A.B., Washington and Jefferson College; A.M., Duke.
Dissertation: *The Formation of the Jeffersonian Party in Virginia*.
- Rainsford, Albert Edwin, B.S., University of South Carolina; A.M., Duke.
Dissertation: *A Study of Certain Reactions of Ald-Chlorimines and the Configurations of Acyl-Aldoximes*.
- Renfrow, William Burns, Jr., B.S., Furman University; A.M., Duke.
Dissertation: *A Study of Certain Aspects of the Lossen Rearrangement and the Claisen Condensation*.
- Schopmeyer, Clifford Scharff, B.S., George Washington University; M.S., University of Maryland.
Dissertation: *The Effect of Soil Moisture on the Transpiration and Bound Water Content of Loblolly Pine and Shortleaf Pine with Reference to Drought Resistance*.
- Searcy, Hubert, A.B., Birmingham-Southern College; A.M., Duke.
Dissertation: *The Use of the Congressional Joint Resolution in Matters Relating to Foreign Affairs*.
- Walker, Herman, Jr., A.B., A.M., Duke.
Dissertation: *The Most-Favored-Nation Treatment of Consular Officers*.
- Wallace, Elbert Stephen, A.B., Birmingham-Southern College; A.M., Duke.
Dissertation: *The Federal Home Loan Bank System*.
- Webster, Margaret Dorothy, B.Sc., M.Sc., Dalhousie University.
Dissertation: *The Oxidation of Amino Acids by Certain Bacteria*.
- Winton, Lowell Sheridan, B.S., Grove City College; A.M., Oberlin College.
Dissertation: *Compatible Integro-Differential Systems*.

HONORARY DEGREES

DOCTOR OF DIVINITY

Alva Washington Plyler

Marion Timothy Plyler

DOCTOR OF LAWS

Robert Watson Winston

Charles Cassedy Bass

HONORS IN GRADUATING CLASS

Summa Cum Laude

Bistline, James Adams
 Brown, James Walter, Jr.
 Cleaveland, Frederic Neill
 Collins, Harold Reeves

Frantz, Ivan DeRay
 Jackson, Frederick Raymond, Jr.
 Redfern, Virginia Stuart
 Seymour, Dorothy Hall

Magna Cum Laude

Bagley, Mariana Dosch
 Brach, Earl Tilton
 Bussell, Wilsie Florence
 Cox, Headley Morris, Jr.
 David, Joseph Kalil
 Desvernine, Eugene
 Friedlander, Irwin

Izard, Anne Rebecca
 Larzelere, Helen Claire
 Markham, Charlotte Boyd
 Menaker, Jerome Seymour
 Pait, James Albert
 Slingluff, Hambleton, Jr.
 Walker, Jessie Hertz

HONORS IN DEPARTMENTS

Chemistry—Joseph Kalil David, Jr., Ivan DeRay Frantz, Jr.

Economics—Monroe Carl Fischer, Clarence Wenger Kreider.

English—Harold Reeves Collins, William Thomas Cottingham, Jr., Anne Rebecca Izard, Frances Cofer Lewis, John Taylor Portz, Louise Cabell Warren.

German—Hambleton Slingluff, Jr.

History—Mariana Dosch Bagley, James Adams Bistline, Frederic Neill Cleaveland, William Pinckney Simmons.

Mathematics—Lee Arnold.

Philosophy—James Albert Pait.

JUNIOR HONORS

Bane, David Morgan
 Barnwell, Pauline Lee
 Bremer, Roger Edward
 Bussey, Mary Whitmell
 Carl, Joseph Milton
 Cooke, Russell Yale
 Crawford, Clark Alvin
 Dowling, Arthur Joseph
 East, Jane
 Evans, Hazel Lenetta
 Forness, Mary Cameron
 Greenfield, Bruce Harold
 Hausser, Harry Edward

Heyward, Mary Anne
 Kirkpatrick, Frances Hilda
 Pope, Marvin Hoyle
 Post, Edward Ernest, Jr.
 Price, Margaret Mathilde
 Russell, Horace, Jr.
 Sheehan, Donald Henry
 Stine, Mary Elizabeth
 Stone, Betty Wyllys
 Townsend, Roberta Elizabeth
 Walker, Marion
 Webster, Thomas Preston, Jr.

SOPHOMORE HONORS

Arthur, Sara Michaux
Baker, Ellis Thomson
Battle, Guy Arthur
Beckel, Willis Spangler
Brooks, Ray
Craven, James Braxton, Jr.
Daane, James Dewey
Duncan, Leroy Edward
Few, Kendrick Sheffield
Finger, Margaret Louise
Horack, Benjamin Shambaugh
Kennedy, Robert Freeman

Krummel, Mary Eleanor
Landreth, Charles E.
McGimsey, James Franks, Jr.
Margolis, Kathryn
Patterson, Anna Mildred
Rand, Robert Collom
Rettew, Janet Pierce
Rieger, Vivian Theresa
Senff, Tom Prewitt
Van Voorhis, Robert Henry
Wallace, Jean Loretta

FRESHMAN HONORS

Beckel, Frank Louis
Beckel, Samuel Somerville
Beightol, Guy Dixon
Bone, Frank Cutchin
Chang, Keui Hyung
Conrad, Elizabeth
Dimond, Charles Leigh
Eubanks, Ira Sankey, Jr.
Evans, Alona Elizabeth
Lane, Bernice Elizabeth

Plate, Robert V.
Sanger, Frank Moderno, Jr.
Seawell, Anne Lee
Secrest, Lillian Asbury
Smith, Victor K., Jr.
Stetler, Nevin
Taylor, Joe W.
Thomas, Jack Howard
Townsend, Roswell George
Watson, Walter Brown

ROLL OF STUDENTS (1936-1937)

TRINITY COLLEGE

FRESHMAN CLASS

Abbott, Jack Alfred
Abbott, Ward Davis
Abernethy, James Robert
Ader, Paul Fassett
Ager, John Curtis
Albee, Fred Houdlett, Jr.
Albright, Robert Taft
Alcorn, Hugh Alexander

Alexander, Stewart Murray
Allen, Augustus Thomas, Jr.
Allison, James Tyler
Amaden, James Paul
Amick, George Henry
Anderson, George Downey
Anderton, James Francis
Armstrong, Fred Williamson
Atkins, Junius Ernest, Jr.
Atkinson, Clifton Stewart
Auchter, George David
Auld, Fred Herron
Ayers, Carleton Royce
Badgett, Clarence Earl
Bailey, Edgar Lee
Bailey, Thomas Edward
Bailey, William Bradford
Baldwin, Alan Tharrestrup
Bane, William Hormell
Banks, Albert Lawrence
Bard, Donald Gibson, Jr.
Barnhart, William Robert
Barnicoat, John Ellard
Barry, Frank C.
Barton, Woodrow Wilson
Baskervill, Robert Dortch
Bass, George Carlton
Bayliss, George Richeson
Baylor, Norman Stanley
Beach, David Earle
Bechará, José, Jr.
Beck, Clarence Vickers
Beck, John Adney
Beckel, Frank Louis
Beckel, Samuel Somerville
Bedell, Malcolm Willis
Behrends, Robert Arthur
Beightol, Guy Dixon
Bell, Robert James

Cumberland, Md.
Orchard Park, N. Y.
Gastonia, N. C.
Winston-Salem, N. C.
Black Mountain, N. C.
Venice, Fla.
Whiteville, N. C.
Albert, New Brunswick,
Canada
Durham, N. C.
Raleigh, N. C.
Oswego, N. Y.
East Hampton, N. Y.
Gettysburg, Pa.
Ballston Spa., N. Y.
Oil City, Pa.
Gastonia, N. C.
Raleigh, N. C.
Schenectady, N. Y.
Jacksonville, Fla.
Charleston, W. Va.
New Rochelle, N. Y.
Mount Airy, N. C.
Lexington, N. C.
Rockville Center, N. Y.
New York, N. Y.
Wilmington, Del.
Connellsville, Pa.
Somerville, N. J.
Pleasantville, N. Y.
Mount Pleasant, Pa.
Warwick, R. I.
Sag Harbor, N. Y.
Savannah, Ga.
Warrenton, N. C.
Binghamton, N. Y.
Richmond, Va.
Washington, N. J.
Vergennes, Vt.
Mayaguez, Puerto Rico
St. Louis, Mo.
Manchester, N. H.
Huntingdon, Pa.
Huntingdon, Pa.
Tottenville, L. I., N. Y.
Avoca, Pa.
Cumberland, Md.
Durham, N. C.

- Benson, Charles Leonard
 Berkeley, William Thomas
 Berner, Guy Pershing
 Bertolet, William Henry
 Betner, Thomas Eugene
 Bew, James William
 Birmingham, George Garvin, Jr.
 Bishop, Clark Wilcox
 Blackley, William Ormand
 Blake, Donald E.
 Blanton, Neil Coron
 Bloodgood, Elwyn Lynotte
 Bollinger, Robert Waddell
 Bolton, John Dewey
 Bond, Borden Ray
 Bone, Frank Cutchin
 Bonnet, Joseph Lambert
 Boone, James Joshua
 Borah, William Norman
 Bost, Webb
 Boutwell, Rufus Cecil
 Bowes, Alphonsus Ligouri
 Bowman, James Spicer
 Boyden, Arthur Clarke
 Brand, Roscoe C.
 Braynard, Edwin Crasto
 Brett, Laurence, Jr.
 Bridgers, Ben Cole
 Bromage, John Stuart
 Brooks, Clyde Speer
 Brooks, Louis Arthur
 Brothers, Lloyd Crawley
 Brown, Morrison Ropes
 Brown, Oscar Oswell
 Brown, Pride C.
 Brown, Robert
 Brown, Travers Gatewood, Jr.
 Browning, John Duron
 Brunansky, Joe
 Brush, Richard Felton
 Bryant, Robert Edwin
 Buck, Antonio Loys
 Buckley, Charles Robinson, Jr.
 Budreau, Jack
 Bunn, Charles Ivy
 Burke, Joseph Francis
 Burleson, Norris Mervin
 Burn, Richard Clement
 Burns, John Gordon
 Bushnell, Edward Brooks
 Butler, Jack Floyd
 Bynum, Aaron Headen
 Cahill, John Andrew
 Caignet, Juan Emilio
 Cairns, George Francis
 Cale, Ellsworth Ferrell
 Carey, Charles Leo
 Carman, Charles Visscher
 Carpenter, Albert Jefferson, Jr.
 Tamagua, Pa.
 Durham, N. C.
 Buffalo, N. Y.
 Cynwyd, Pa.
 Radnor, Pa.
 Margate City, N. J.
 Liberty, N. Y.
 Mountain Lakes, N. J.
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 New Rochelle, N. Y.
 Shelby, N. C.
 Scarsdale, N. Y.
 Ambridge, Pa.
 Pelham, N. Y.
 Newton Upper Falls, Mass.
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 Orange, N. J.
 Roanoke Rapids, N. C.
 Big Run, Pa.
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 Durham, N. C.
 Miami Beach, Fla.
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 Minneapolis, Minn.
 Steubenville, Ohio
 Glen Cave, N. Y.
 Wilson, N. C.
 Durham, N. C.
 Elizabeth, N. J.
 Bellevue, Pa.
 Charlottesville, Va.
 Warrenton, N. C.
 Miami Beach, Fla.
 Tampa, Fla.
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 Acton, Mass.
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 Daytona Beach, Fla.
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 Hartford, Conn.
 Canandaigua, N. Y.
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 Brookfield Center, Conn.
 Santiago de Cuba, Cuba
 Sunbury, Pa.
 Charleston, W. Va.
 Lawrence, Mass.
 Stamford, Conn.
 Attleboro, Mass.

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Carter, Everitt Adelbert	Birdsville, Pa.
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Cashwell, Edgar Henry	Fayetteville, N. C.
Cendoya, Julian William	Santiago de Cuba, Cuba
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Champion, Battle	Clayton, N. C.
Chang, Keui Hyung	Kyung-Heung, Korea
Chapin, Reynold Sayre	Flushing, N. Y.
Chapman, John Franklin	Hagerstown, Md.
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Churchill, Howard William	Portland, Maine
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Cleghorn, Edward	Reading, Pa.
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Cobb, Charles D.	Greenville, N. C.
Cobleigh, Nelson Stevens	White Plains, N. Y.
Cochran, Gerold Leroy	Warren, Pa.
Cogswell, Sumter Aldage	Chattanooga, Tenn.
Cole, George Davis, Jr.	Newport News, Va.
Cole, Walter Francis	Greensboro, N. C.
Collings, Trella Dempzie, Jr.	Durham, N. C.
Conner, Clay	East Orange, N. J.
Constable, Sidney Currier	Durham, N. C.
Cook, Leland, Jr.	Kinston, N. C.
Cooke, Benjamin Anderson	Garden City, N. Y.
Coombs, Charles Soden	Essex Falls, N. J.
Coplan, Edwin	Columbia, S. C.
Corey, David Alexander	Jamesville, N. C.
Cornell, Paul Adrian	Chicago, Ill.
Costic, Peter Jerome	Sayre, Pa.
Cotter, Norman Bernard	Chattanooga, Tenn.
Court, George Henry, Jr.	Glen Head, N. Y.
Court, Sidney Eldridge	Glen Head, N. Y.
Covington, James Carlwyn	Charlotte, N. C.
Cowan, Kenneth Russell	Glencoe, Ill.
Cowlin, Sydney Eugene	Massillon, Ohio
Cox, Zach Davis	Mount Olive, N. C.
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Craig, J. Robert	Clarksburg, W. Va.
Crandall, J. Tilden	York, Pa.
Craven, Clyde Rober	Winston-Salem, N. C.
Crickmer, Edward Mason	McAlpin, W. Va.
Crigler, John Fielding, Jr.	Charlotte, N. C.
Crilly, Warren Lee	Altoona, Pa.
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Culbreth, George Gordan	Sanford, N. C.
Culp, Raymond Beatty	Harrisburg, Pa.
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Curtis, Frederick William	Reading, Pa.
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Davis, Lawrence Columbus	Gastonia, N. C.
Davis, Thomas Jeffrey, Jr.	Harrisville, W. Va.
Davis, Walter Barney, Jr.	Nangatuck, Conn.
Dean, James Robert	Tazewell, Va.
Denny, Dan	Harriman, Tenn.

- DePerty, Francis
 Devlin, Clarence Joseph
 DeVolentine, Joe Monroe
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 Dodd, John Stuart
 Dollard, John Taff
 Donnelly, Richard Augustus
 Donovan, Frederick Reynold
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 Drake, William Exall
 Dreasen, Richard Herbert
 Dube, Bertram James
 Duff, Edward Hoover
 Duncan, James Rankin, Jr.
 Dunstan, Garland Herrington
 Eagles, William McCoy
 Eckersley, Floyd Roland
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 Egan, James Donald
 Eitner, Lorenz E. A.
 Eldridge, Fred Phillips
 Elias, Bernard Lane
 Ellis, Charles Howell
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 Erich, Frederick Walter
 Erickson, Elmer William
 Eubanks, Ira Sankey, Jr.
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 Fach, Albert Welsh
 Fairall, Robert Foster
 Fajardo, Armando Fausto
 Fath, Urban Henry
 Felts, Roger Frank
 Felts, Thomas Gordon
 Ferris, H. Alexander
 Files, Richard Webster
 Finger, Fred Eli
 Fisher, Nelson Barrier
 Fitzgerald, Charles Klutz
 Flenner, George Boudinot
 Flentye, William Henry, Jr.
 Fletcher, Theodore Roger
 Floyd, Hal S.
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 Forlines, John Arthur, Jr.
 Forsberg, Raynor Morgan
 Forssell, Gustav Frederick
 Fowler, Preston Leroy
 Fox, William Maxie, Jr.
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 Fyles, Cleveland Saunders
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 McComb, Ohio
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 Fountain, N. C.
 Scranton, Pa.
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 Queens Village, N. Y.
 Irwin, Pa.
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 Staten Island, N. Y.
 Steelton, Pa.
 Santiago de Cuba, Cuba
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 Galax, Virginia
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 East Orange, N. J.
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 Vanceburg, Ky.
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 Aurora, Ill.
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 Fairmont, N. C.
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 Emsworth, Pa.
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 Roxboro, N. C.
 Cherryville, N. C.
 Murfreesboro, Tenn.
 Rochester, Vt.
 Durham, N. C.

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 Gallatin, Harry Conar, Jr.
 Gardner, Joseph Tate
 Gardner, Sam Arnold
 Gardt, Wylie
 Garlock, Harold George
 Garrick, Donald David
 Gee, Louis Gary
 Geiger, Robert K.
 Gerard, Alick Stephen
 Gerard, Frank Hight
 Gibbs, Gibbs Crabtree
 Gingland, Richard Parsons
 Gingsburg, John Avert
 Gladstein, Nathan Wilbur
 Glagola, Charles, Jr.
 Goat, Arthur Fred
 Gobble, Fleetus Lee
 Goldberg, Robert Abraham
 Gonder, Richard Johnson
 Goode, Royden Lee
 Goode, Thomas Vance, Jr.
 Goodwin, Junius John
 Gore, Henry Grady, Jr.
 Grahl, James Samuel
 Grandjean, Philip M.
 Gray, Duncan Campbell
 Gray, Willard Allan, Jr.
 Gregson, Jack Roger
 Griffin, Gerald Laurens
 Grimm, Thomas Robert, Jr.
 Griswold, Augustus Wharton
 Gross, Alvin Solomon
 Gross, John Lewis
 Guerry, Davenport
 Hacker, John Pierce, Jr.
 Hadley, Otto Erhart
 Halme, Walter
 Halsema, James Julius
 Hammell, John Gaunt
 Hammond, Armfield Henderson, Jr.
 Hammond, G. Claiborne
 Hanig, William Fred
 Hanlon, Thomas Joseph
 Hannigan, James Edward
 Hanse, Francis Deck
 Hansel, John Washington, Jr.
 Hanshaw, Frank Wayne
 Hardie, Dwight Wooster
 Hardy, Jack Louis
 Hagen, Theodore Merritt
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 Hastings, Thomas Johnston
 Hauser, Edward Michael
 Haut, Harold
 Hawks, Charles Everett
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 Heddesheimer, William George, Jr.
 Heisinger, Donald Ernest

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 Miami, Fla.
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 North Conway, N. H.
 Oakland, Md.
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 Americus, Ga.
 High Point, N. C.
 Pelham, N. Y.
 Ocean City, N. J.
 Morristown, N. J.
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 South Orange, N. J.
 West Haven, Conn.
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 North Braddock, Pa.
 Macon, Ga.
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 Wallkill, N. Y.
 Norfolk, Va.
 Baguio, P. I.
 Red Bank, N. J.
 Louisville, Ky.
 Stockton, Cal.
 Elmhurst, N. Y.
 Scarsdale, N. Y.
 Butler, N. J.
 Barnesville, Ohio
 Bryn Mawr, Pa.
 Scarsdale, N. Y.
 Binghamton, N. Y.
 Goldsboro, N. C.
 Worcester, Mass.
 Auburndale, Fla.
 Westfield, N. J.
 Glenside, Pa.
 Norwalk, Conn.
 New York, N. Y.
 Andrews, N. C.
 Yonkers, N. Y.
 Stamford, Conn.

- Heller, Robert Chester
 Henderson, Edward Leeman
 Hendrickson, Evan Edward
 Hester, George William
 Hewlett, John Devine
 Hiatt, Wilkes Otho, Jr.
 Hileman, Elmer Richard
 Himadi, David E.
 Himelright, Loring Kenneth
 Hobgood, William Langhorne
 Hobstetter, William George, Jr.
 Hoffman, William James
 Holland, Sherrill Reid, Jr.
 Hollyday, John Samuel
 Horger, Eugene Leroy, Jr.
 Hornaday, Wayne Arington, Jr.
 Horton, William Sidney
 Houston, Truxton Crain
 Howard, Henry Lee
 Howard, Waite Westley, Jr.
 Howe, Elliott Harroun
 Howe, Robert Emmet
 Hove, Frank Osman
 Hoyt, Edwin Benson
 Hubbell, Jay Broadus, Jr.
 Huck, William Richard
 Huckabee, James Gaston, Jr.
 Ingram, Charles Hal
 Inks, Samuel Wesley
 Isaly, William Robert
 Jackson, Stevens Pell
 Jaffey, Herbert
 James, Robert Johnson
 Jenkins, William Adrian
 Jensen, Robert Bruce
 Jerome, Jerry
 Jessup, Julian Clyde
 Jester, Norman Towson
 Johantgen, Richard Francis
 Johnson, Allen Starling
 Johnson, William Louis
 Johnston, Will S.
 Jones, George Tyree
 Jones, Horace Ellis
 Jones, Martin Evans, Jr.
 Jones, Ralph Jacob, Jr.
 Jones, Robert Pepin, Jr.
 Jordan, Fanson Calvert
 Jordan, John Sharpe
 Jourdan, Robert Paton, Jr.
 Kapralis, George Clarence
 Kasik, Charles, Jr.
 Kean, Thomas V.
 Keister, Robert Stanley
 Kelley, Harry William
 Kelly, Converse Beach
 Kemper, Charles Alexander
 Kendrick, Jack Omer
 Kennedy, Marshall Sanger, Jr.
 East Orange, N. J.
 Detroit, Mich.
 Beaver Falls, Pa.
 Morristown, N. J.
 Cold Spring Harbor, N. Y.
 Savannah, Ga.
 Washington, D. C.
 Ridgewood, N. J.
 Winchester, Va.
 Durham, N. C.
 Steubenville, Ohio
 Hyannis, Mass.
 Statesville, N. C.
 Funkstown, Md.
 Columbia, S. C.
 Greensboro, N. C.
 Raleigh, N. C.
 Baltimore, Md.
 Savannah, Ga.
 Durham, N. C.
 Fulton, N. Y.
 Cincinnati, Ohio
 Brookline, Mass.
 Staten Island, N. Y.
 Durham, N. C.
 Bloomfield, N. J.
 Durham, N. C.
 High Point, N. C.
 Dawson, Pa.
 Marion, Ohio
 Larchmont, N. Y.
 Somerville, N. J.
 Bedford, Virginia
 Elkin, N. C.
 Union, N. J.
 Aurora, Ill.
 Hertford, N. C.
 Washington, D. C.
 Dansville, N. Y.
 Lexington, N. C.
 Wheeling, W. Va.
 Larchmont, N. Y.
 Durham, N. C.
 Spring City, Pa.
 Granite Falls, N. C.
 Jamaica Plain, Mass.
 Cleveland, Ohio
 Shanghai, China
 Mount Airy, N. C.
 Durham, N. C.
 Danville, Ky.
 Milwaukee, Wis.
 Lockport, N. Y.
 Clarksburg, W. Va.
 Ocean City, Md.
 Philadelphia, Pa.
 Baltimore, Md.
 Ripley, Miss.
 Buffalo, N. Y.

Kerns, John Edward
Keusch, Allan William
Killam, William A., Jr.
Kimbrell, John Allen
Kimbrell, Marvin R., Jr.
King, Dwight Bradley
Kinze, Donn Eugene
Kirkman, P. V., Jr.
Kirkpatrick, Robert Ford
Klepp, Alfred Joseph
Kley, Albert Johnston
Knowles, John William
Koenig, William August
Koger, Robert McMillan
Kollmar, Robert
Koons, Walter Emmet
Kramer, Karl Klifton, Jr.
Kunkle, William Koch
Lacks, Stanley Bernard
Lange, John Arthur
Lanning, Donald Dey
Latham, George Ritchie, Jr.
Latimer, Clarence Vinnette, Jr.
Lautz, Robert W.
Lavinder, Thomas C.
Leathers, William Alsey
Leazer, Harold McKnight
LeGwin, John Bunyan
Leland, Stuart B.
Leopoldt, Richard Warren
Levine, Edwin R.
Levy, Herbert Fies
Lively, Harold Heyson
Livengood, David Johnson
Lose, Robert Norman
Lowe, Harold Thomas
Lundy, Edwin
Lunsford, Foy Lee
Lutz, Robert Franklin
Lybrook, Robert Murray
Lyle, John Robert
McAfee, George Anderson
McCalip, Curtis E.
McCollum, James Edward
McCormick, Robert John
McCutchen, Robert White
McDaniel, William Kirkwood
McFalls, John Benjamin
McKee, Sterling Eugene
McMackin, Frank Joseph
McNeilly, John Jere
McNeish, James Steele
MacGillivray, Roswell Fred
MacLaughlan, John Donald, Jr.
Maddern, Whitby Kingston
Magill, Paul Wesley
Malone, Thomas Patrick
Maltby, Lucius Foote, Jr.
Manning, Benjamin Everette

Newark, N. J.
Morristown, N. J.
Roslindale, Mass.
Charlotte, N. C.
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Waterbury, Conn.
Altoona, Pa.
High Point, N. C.
Worcester, Mass.
Arlington, N. J.
Baltimore, Md.
DeLand, Fla.
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Charleston, S. C.
Maplewood, N. J.
New York, N. Y.
Connellsville, Pa.
Allentown, Pa.
Pinehurst, N. C.
Salineville, Ohio
West Trenton, N. J.
East Williston, N. Y.
Deposit, N. Y.
Buffalo, N. Y.
Abingdon, Va.
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Jackson Heights, N. Y.
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Maplewood, N. J.
Durham, N. C.
Shelby, N. C.
Advance, N. C.
Bloomsburg, Pa.
Ironton, Ohio
Washington, D. C.
Tallahassee, Fla.
Wilmington, Del.
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Gastonia, N. C.
Bessemer, Pa.
Jersey City, N. J.
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Westfield, N. J.
Brockway, Pa.
Branford, Conn.
Irwin, Pa.
Mahony City, Pa.
Wallingford, Conn.
Williamston, N. C.

- Manry, Lawrence Edward
 Marcus, Lawrence
 Mariani, Roland Guilio
 Marlowe, Rufus Edward
 Martz, Edward E.
 Massey, James Orr
 Meade, Charles H.
 Megaw, Wesley Ellison
 Melville, Lincoln Raymond
 Messick, Frank Leslie
 Meyer, William John, Jr.
 Miller, Robert Wallace
 Miller, Roy Paul
 Miller, William Ellsworth, Jr.
 Mitchell, John Keith
 Moehring, Wallace Oher
 Moffatt, William Howard
 Moffett, Robert Preyer
 Molina, Alexander W.
 Monroe, Charles Edward
 Montfort, Robert John
 Mooney, Thomas Harrison
 Moore, James LeGrand
 Moorefield, Harold D.
 Moran, Joseph Paul
 Morel, Edward, Jr.
 Morgan, Horace Lee
 Morningstar, James Irvin
 Morris, Arthur Allen, Jr.
 Morris, John William
 Morris, Russel Smith
 Morrow, Thomas Camill
 Mouk, Richard Charles
 Muelenaer, Andre Albert
 Mulligan, Aloysius Alphonsus
 Murphy, Fred George
 Myers, Duncan Clark
 Myles, Joseph Harlin, Jr.
 Neill, Dugald Tucker
 Nelson, Herman Berg
 Neuburger, Robert Frank
 Newman, B. Franklin, Jr.
 Newsom, John Walton
 Nivens, Walter James
 Nutter, Ronald Demming
 Ohly, Carleton Hugo
 O'Neil, Robert Edward
 Onken, Frederick Ludwig, Jr.
 Orme, Griffith
 Owen, Murray Harris
 Palmer, Jack Keith
 Parker, Oscie Kyle
 Parker, Richard Joseph, Jr.
 Parrish, Eugene Allen
 Parsons, William Kantner
 Paschall, Taylor Hill
 Patterson, Edward Verno
 Payton, John Edwin
 Peabody, Arthur William
 Edison, Ga.
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 Rumson, N. J.
 Raleigh, N. C.
 Pine Grove Mills, Pa.
 Greensboro, N. C.
 Ashland, Ky.
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 Bloxom, Va.
 Washington, D. C.
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 Irwin, Pa.
 Sunbury, Pa.
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 Orangeburg, N. Y.
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 Greensboro, N. C.
 Camaguey, Cuba
 Spies, N. C.
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 Mount Airy, N. C.
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 Staten Island, N. Y.
 Savannah, Ga.
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 Matthews, N. C.
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 Jamestown, N. Y.
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 Rupert, W. Va.
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 El Paso, Texas
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 Durham, N. C.
 Spring Lake, N. J.
 Shaker Heights, Ohio
 Holden, Mass.

Peake, Robert Keith
Peirce, John Alden
Penfield, Addison Pierce
Peppler, John Ray
Perdue, Charles Willard
Perry, Tom
Peters, William Darius
Pfaffle, Richard Kirk
Phillips, William Hicks
Pierce, Frank Chevallie
Pierson, Harry Hague
Pinkerton, David W.
Plate, Robert Vincent
Plomgren, Gustaf Theodore, Jr.
Poe, Henry Clay
Pope, Horace Maston
Popp, Robert Alfred
Powell, Willis Warren, Jr.
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Pratt, Clarence Hoar
Price, Theodore Edwin
Proctor, Richard Carlton
Pulley, Benjamin Junious
Qualls, Guy Logan
Quinn, Jesse Melvyn
Ralston, Adolph Henry
Rand, Robert Collom
Raring, John Joseph
Rathbun, James Potter
Ratliff, Cliff, Jr.
Ray, Archibald Sereno, Jr.
Reed, Sam Hantz
Reese, Charles Clifford
Reese, Robert Williams
Reichers, Philip, Jr.
Reid, Laurence King
Reisner, William Harry
Ribar, Frank
Rice, Robert Coleman
Rich, Daniel Donald
Rich, David Adelbert
Richards, John Wendell
Richardson, John Woodward
Riley, William Joseph, III
Roach, Benjamin Franklin
Roberts, Churchill Lee, Jr.
Roberts, William Wallace
Robertson, Sam
Robinson, Roger Walcott
Robinson, Theodore Montgomery
Rodgers, Francis Marion
Roll, Frederick Joseph
Rosen, Jerome Eliot
Roth, Paul Krusa, Jr.
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Rowley, Kenneth Johnson
Rucker, Alfred Morgan
Rue, Willard Hubert
Ruskin, Richard Allan

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Thomasville, N. C.
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Lorain, Ohio
Merrick, N. Y.
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Lakewood, Ohio
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East Aurora, N. Y.
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Dansville, N. Y.
Hamden, Conn.
Petersburg, Va.
Imlaystown, N. J.
New Rochelle, N. Y.

- Russell, Alfred Charles
 Russell, Henry Hawley
 Russell, Woodard Flemming
 Rutledge, John Clifton
 Sally, William Albert
 Sandidge, William Leete
 Sanford, Daniel D., Jr.
 Sanger, Frank Moderno, Jr.
 Satterthwaite, Joshua Paul, Jr.
 Sayre, Daniel Eugene
 Schaidt, Leander, Jr.
 Schendorf, Hilliard Arthur
 Schlear, Edward Kenneth
 Schmidt, Howard Oskar
 Schultz, Albert Martin
 Seaman, Allen Lang
 Senter, James David
 Shane, Robert Clark
 Sharp, Jack Pinkney
 Sharpe, Daniel Monroe, Jr.
 Shaw, Calvin High
 Shehan, Philip George
 Shelton, Claude, Jr.
 Shepard, Leonidas Haywood
 Shinn, John Lloyd
 Shirley, William Francis
 Shoaf, Francis Arista
 Silva, John Matheson
 Silver, Louis Wilson
 Simpson, Richard Beaucaire
 Sirven, Faustino Alberto
 Sledge, Richard Porter
 Sleight, Robert Edgar
 Smith, David Merwin
 Smith, Harwood Thomas
 Smith, Randolph Heywood
 Smith, Robert Ross
 Smith, Victor Kennicutt, Jr.
 Smyle, Ralph Stanley
 Smythe, John Crabbe, Jr.
 Smythe, William Dalrymple
 Snyder, Edward Roan
 Snyder, Gerald Fay
 Snyder, Robert Edward
 Spaeth, Walter, Jr.
 Spangler, Robert Frank
 Sprye, Walter C.
 Spurgin, Charles Dorsey
 Stallings, Frank Osborne
 Stecher, Clark Kipp
 Steckel, Wells Safford
 Steele, Orlando Lester
 Stem, Thaddeus Garland
 Stephenson, Charles Edward
 Stetler, Nevin
 Stewart, Winburn Earl
 Stickell, Clarence Middlehauff
 Stivers, Robert Winthrop
 Stone, Claiborne Young
 Clearwater, Fla.
 Coral Gables, Fla.
 Durham, N. C.
 Durham, N. C.
 Durham, N. C.
 Lynchburg, Va.
 Garden City, N. Y.
 Watertown, N. Y.
 Westfield, N. J.
 Huntington, W. Va.
 Cumberland, Md.
 Rahway, N. J.
 Hamburg, Pa.
 New Canaan, Conn.
 Summit, N. J.
 Madison, Conn.
 Morristown, Tenn.
 Washington, D. C.
 Humboldt, Tenn.
 Hertford, N. C.
 Durham, N. C.
 Easton, Md.
 Reading, Pa.
 Durham, N. C.
 Sylacauga, Ala.
 Buffalo, N. Y.
 Kokomo, Ind.
 Hyannis, Mass.
 Durham, N. C.
 Winston-Salem, N. C.
 Florida, Camaguey, Cuba
 Gary, W. Va.
 Staten Island, N. Y.
 Whiteville, N. C.
 Petersburg, Va.
 Grand Rapids, Mich.
 Maplewood, N. J.
 Montclair, N. J.
 Ozone Park, N. Y.
 Steubenville, Ohio
 Steubenville, Ohio
 Winston-Salem, N. C.
 York, Pa.
 Ridgefield Park, N. J.
 Southern Pines, N. C.
 Newport News, Va.
 High Point, N. C.
 Baltimore, Md.
 Durham, N. C.
 Weehawken, N. J.
 Freeport, N. Y.
 Cleveland, Ohio
 Oxford, N. C.
 Varina, N. C.
 York, Pa.
 Macon, Ga.
 Hagerstown, Md.
 Maplewood, N. J.
 Durham, N. C.

Stone, Donald Robert
 Stone, Zeb Judd
 Strausbaugh, John Dean
 Strickland, Fred Paul
 Strickland, Roscoe Lee, Jr.
 Struble, Albert
 Sullivan, Harry Brownell
 Summers, Hubert George
 Summerville, Alexander
 Surles, Hugh Sexton
 Swindell, Edmund Slade
 Taylor, Joe W.
 Teichmann, Henry Frederick
 Thaxton, Benjamin Clyde
 Thomas, Jack Howard
 Thomas, James Claiborne
 Thomas, Raymond George
 Thompson, Evan Lewis
 Thompson, Samuel Adolphus
 Tischler, Warren William
 Tompkins, Everett
 Towl, Edwin Irving
 Townsend, Roswell George
 Trabue, Douglas Small
 Tracy, Charles Capper
 Tripp, Francis Harvey, Jr.
 Turnbull, Fred LeRoy
 Turner, William Joseph
 Unger, Maurice Albert
 Van Anda, Jackson Nicholas
 Van Camp, Robert Cross
 Vanech, Nicholas Harry
 Varga, George Francis
 Vaughan, James Robert
 Veal, Curry Speed
 Veirs, Charles Clifton
 Vernon, Leonard Joseph
 Vickery, Robert Frederick
 Vincent, Orville Holt
 Vogdes, James McAllister
 Vogel, Robert Floyd
 Waddell, Maurice Douglas
 Wade, Henry King
 Wagner, Harold Edward
 Wagner, Walter
 Walker, James Bradley
 Walker, Judith Clement
 Walker, Richard Cuthbert
 Wall, George W., Jr.
 Wallace, Winfield Scott
 Walsh, Davis James
 Walter, Edward Henry
 Wanzer, Charles Robert
 Ward, Earl John
 Ward, Robert Stuart
 Warren, Clyde Whitfield
 Wascher, Howard Charles
 Waters, Dallas Gaylord
 Watson, Charles Alan
 Los Angeles, Cal.
 Durham, N. C.
 Columbus, Ohio
 Middletown, Ohio
 Maplewood, N. J.
 Westfield, N. J.
 Brooklvn, N. Y.
 Provincetown, Mass.
 Caldwell, N. J.
 Rocky Mount, N. C.
 Durham, N. C.
 Tampa, Fla.
 Washington, Pa.
 Durham, N. C.
 Philadelphia, Pa.
 Durham, N. C.
 North Braddock, Pa.
 Taunton, Mass.
 Mount Olive, N. C.
 Glendale, N. Y.
 Concord, Mass.
 Westfield, N. J.
 Staten Island, N. Y.
 Chapel Hill, N. C.
 Dayton, O.
 Moorestown, N. J.
 Verona, N. J.
 Whitehall, N. Y.
 Patchogue, N. Y.
 New York, N. Y.
 Scranton, Pa.
 Stamford, Conn.
 Phillipsburg, N. J.
 East Aurora, N. Y.
 Madisonville, Ky.
 Rockville, Md.
 East Orange, N. J.
 Philadelphia, Pa.
 Oak Park, Ill.
 Edgewater Park, N. J.
 Hackettstown, N. J.
 Durham, N. C.
 Hot Springs, Ark.
 Riverton, N. J.
 Newport, Ky.
 New Rochelle, N. Y.
 Durham, N. C.
 Moorestown, N. J.
 Philadelphia, Pa.
 Ocean City, Md.
 Bellerose, L. I., N. Y.
 Scarsdale, N. Y.
 Charlotte, N. C.
 Larchmont, N. Y.
 Roselle, N. J.
 Clinton, N. C.
 London, England
 Jamesville, N. C.
 Westhaven, Conn.

Watson, Jack Lawrence
 Watson, Walter Brown
 Weiner, Robert Gordon
 Weingarten, Bernard
 Weith, Archie James
 Welch, Harry Lee
 Welch, John Tyler
 Wellman, Henry Marvin
 Wert, Robert Wesley
 West, Chester Albert
 West, George Collins, Jr.
 Westerfield, Stanley Woodward
 Whedbee, James Carson, Jr.
 Whitley, Woodrow Lacy
 Whitman, Stanley Finch
 Williams, Bailey Needham
 Williams, Charles Bray
 Williams, Edward David
 Williams, Hatcher Crenshaw
 Williams, Henry Hoyle
 Williams, John Dunbar
 Wililams, Linwood Roger
 Williams, Ralph Franklin, Jr.
 Williams, Sam Charles
 Williams, Thomas Richard, Jr.
 Willis, Andrew Hunter, Jr.
 Wilmot, John Hibbard
 Wilson, Abraham Samuel
 Wilson, Henry Merryman
 Winterson, Alexander
 Winterson, Howard Martin
 Withers, Ernest Lee, Jr.
 Witmer, Norman Davis
 Woodcock, William Alfred
 Woody, John King
 Workman, Fred Louis
 Wright, John, Jr.
 Wright, Wayne Everett
 Yoder, William Eugene
 Yorke, Fred Grant
 Younts, Jack S.
 Zavlaris, Pete
 Zipse, Robert Joseph

Charlotte, N. C.
 Belleville, N. J.
 Portsmouth, Va.
 Brooklyn, N. Y.
 Caldwell, N. J.
 High Point, N. C.
 New Haven, Conn.
 Catawba, N. C.
 Westmont, N. J.
 Fort Wayne, Ind.
 Durham, N. C.
 Charlotte, N. C.
 Rowland, N. C.
 Wendell, N. C.
 Miami Beach, Fla.
 Shiloh, N. C.
 Shiloh, N. C.
 Brookhaven, Miss.
 Oxford, N. C.
 Hickory, N. C.
 Babylon, N. Y.
 Washington, D. C.
 Delmar, Del.
 Easley, S. C.
 Hickory, N. C.
 Erie, Pa.
 River Edge, N. J.
 Durham, N. C.
 Charlotte, N. C.
 Baldwin, N. Y.
 Oradell, N. J.
 Waynesville, N. C.
 Hanover, Pa.
 Hot Springs, Ark.
 Durham, N. C.
 Kenilworth, Ill.
 Mahwah, N. J.
 Asheville, N. C.
 Millersburg, Pa.
 Bartley, W. Va.
 Greensboro, N. C.
 Indiana, Pa.
 Kew Gardens, N. Y.

AUDITORS

Lane, Jean McIver
 Weatherspoon, Mary Virginia
 Jones, Nancy Greene

Sanford, N. C.
 Durham, N. C.
 Durham, N. C.

SOPHOMORE CLASS

Ade, William Henry, Jr.
 Agnello, Joseph A.
 Agnello, Samuel Anthony
 Alabaster, Robert
 Anastor, Herbert Peter
 Anderson, Albert Lewis
 Ardolino, John Clarence
 Baird, John William
 Baker, Ellis Thomson

Chicago, Ill.
 Knox, Pa.
 Jamestown, N. Y.
 Baldwin, N. Y.
 Vineland, N. J.
 Pelham Manor, N. Y.
 Metuchen, N. J.
 Henderson, Tenn.
 Baltimore, Md.

Baldwin, John Paul
 Baldwin, William Edwin, Jr.
 Barkle, John Egbert
 Barnes, Jack Carlisle
 Barrett, John Lee
 Barton, Lee Samuel
 Battle, Guy Arthur
 Beaman, John Robert
 Beatty, Robert Rowe, Jr.
 Beckel, Willis Spangler
 Bell, George Edington, Jr.
 Bender, William Andrew, III
 Beneke, Charles Claus
 Berger, William Arthur
 Bergman, Russell
 Berini, Joe Frank
 Bew, David Fitzsimons
 Bigger, William Parker
 Bishop, Hamilton Loomis
 Blake, Peter James, Jr.
 Bodine, William Beekman
 Bowen, James Darrel
 Bowers, Henry Franklin
 Braynard, Francis Osborn
 Bretz, George Warren
 Britton, John Bossard
 Britz, Matthew Leopold
 Brogan, James Michael
 Brooks, Ray
 Brown, Arthur Collins
 Brown, Theron Hart, III
 Bryan, William Lytle, Jr.
 Burhans, James Lewis
 Burns, Arthur Greaves
 Burton, John Carlyle
 Butler, Willis
 Byrum, Thomas J.
 Campbell, Carl Capper
 Cannon, Edward Clement
 Cardwell, Joe Thomas
 Carter, Clayton Cann
 Caskey, Claude O'Dell
 Caskey, John Thomas
 Cayce, Edgar Evans
 Chatham, Alex, Jr.
 Cheek, Herbert Nash
 Clark, Richard Stephen
 Clarke, Richard Norton
 Clayton, Charles Manning
 Clement, Robert Alden
 Cobb, Irwin Wilson
 Coe, John Douglas
 Conner, Robert William
 Cook, Richard Warner
 Cook, D. S. Taylor
 Coppedge, Everette Peter
 Courtney, William Marshall
 Covington, John Walter
 Cox, Arthur Hunter
 Rochester, Pa.
 Dunn, N. C.
 Wilkinsburg, Pa.
 Charlotte, N. C.
 Grosse Pointe, Mich.
 Muskogee, Okla.
 Sumter, S. C.
 Morehead City, N. C.
 Charlotte, N. C.
 Huntington, Pa.
 Rockville, Md.
 Upper Darby, Pa.
 Wheeling, W. Va.
 Rahway, N. J.
 Madison, N. J.
 Durham, N. C.
 Margate City, N. J.
 Pyongyang, Korea, Japan
 Garden City, N. Y.
 New Hartford, N. Y.
 Cranford, N. J.
 Williamston, N. C.
 Petersburg, Va.
 Glen Cove, N. Y.
 Bethlehem, Pa.
 Sumter, S. C.
 Winston-Salem, N. C.
 Richmond, Va.
 Durham, N. C.
 Bethel, Conn.
 Jackson Heights, N. Y.
 Durham, N. C.
 Dunbar, Pa.
 Upper Darby, Pa.
 Wilson, N. C.
 Shreveport, La.
 Great Falls, S. C.
 Asheville, N. C.
 Murfreesboro, Tenn.
 Montgomery, Ala.
 Centreville, Md.
 Martinsburg, W. Va.
 Washington, D. C.
 Virginia Beach, Va.
 Elkin, N. C.
 Durham, N. C.
 Philadelphia, Pa.
 Montclair, N. J.
 Harrisburg, Pa.
 Durham, N. C.
 Winston-Salem, N. C.
 Waterbury, Conn.
 Utica, N. Y.
 Washington, N. J.
 Kenmore, N. Y.
 Cleveland Heights, O.
 Charlotte, N. C.
 Charlotte, N. C.
 Shaker Heights, O.

- Cramer, Wellington Morley
 Craven, James Braxton
 Cree, John Franklin
 Critcher, Robert Francis
 Crowell, George Henry, Jr.
 Curtis, Thomas Alfred
 Curtiss, Gordon Woolwin, Jr.
 Daane, James Dewey
 Danner, Edgar LeMoyne
 Darling, Byron Clary
 Davenport, John Purinton
 Davis, Frederick Payson
 Davis, James Cooke
 Davis, Thomas Edgar
 Dawson, Archibald Nail
 Derr, Paul Franklin
 Der Tatevasian, Roosevelt Augustus
 Deupree, William James
 Dibeler, Vernon Hamilton
 Donnelly, Raymond William
 Dotter, Richard Allin
 Doyle, William Stowell
 Drake, Carl Richard
 Drake, Elmer Frederick
 Duncan, Leroy Edward, Jr.
 Dworsky, Bernard Ezra
 Eager, Howard
 Eakin, LeRoy, Jr.
 Edwards, Newton Weldon
 Elder, Guy Hampton, Jr.
 Emory, Earl Leroy, Jr.
 Falciani, Romeo Alfred
 Farrar, William Baker, Jr.
 Farrell, John Cahill
 Faulkner, Clifford Ross
 Ferguson, Richard Edward, Jr.
 Few, Kendrick S.
 Finefrock, Charles Raymond
 Finn, Walter Robert
 Fischer, Adolphe Gordon
 Fitzgerald, James Morgan
 Fleetwood, John Kenneth
 Fliflet, Arne Thorlief
 Foote, Theodore
 Franck, William Francis
 Franson, Eric Carl
 Freidlin, Julius
 French, Charles Ferris
 Furlong, John Hamilton
 Gallo, Fred John
 Gamsby, John Woodruff
 Gannon, Paul Thomas
 Gattis, Walter Robert
 Gayle, Miles Alderman
 Gibson, Jephtha Nelson, Jr.
 Glasson, John
 Glen, Henry Clarence
 Goehrig, Jack Appleget
 Gonder, Lindsay Andrew
 Boston, Mass.
 Charlotte, N. C.
 Sunbury, Pa.
 Buffalo, N. Y.
 High Point, N. C.
 Dalton, Pa.
 Atlanta, Ga.
 Grand Rapids, Mich.
 Larchmont, N. Y.
 New York, N. Y.
 Chevy Chase, Md.
 Newport, Vt.
 Greenville, Pa.
 Rockingham, N. C.
 Lakewood, O.
 West Hayleton, Pa.
 Braddock, Pa.
 Fort Mitchell, Ky.
 Roselle Park, N. J.
 South Norwalk, Conn.
 Freeport, N. Y.
 Lowell, Mich.
 New Rochelle, N. Y.
 Roselle Park, N. J.
 Norfolk, Va.
 Durham, N. C.
 Washington, D. C.
 Washington, D. C.
 Chicago, Ill.
 Columbia, S. C.
 Chocowinity, N. C.
 Hamilton, N. J.
 Summerville, Ga.
 Norwich, N. Y.
 Elmhurst, N. Y.
 Clinton, S. C.
 Durham, N. C.
 Massillon, O.
 Palmyra, N. J.
 Baltimore, Md.
 Wilson, N. C.
 Seaford, Dela.
 Mountain Lakes, N. J.
 Newark, N. J.
 Durham, N. C.
 Hackensack, N. J.
 Jacksonville, Fla.
 Mountain Lakes, N. J.
 Chester, Pa.
 Vineland, N. J.
 New Haven, Conn.
 Glen Rock, N. J.
 Durham, N. C.
 High Point, N. C.
 Gibson, N. C.
 Durham, N. C.
 Eufaula, Ala.
 Trenton, N. J.
 Oakland, Md.

- Goode, Richard William
Graves, James Endsley
Gregg, William Riley
Griffith, James Maurice, Jr.
Haas, Robert Otto
Hall, Pierson McGinnis
Hamilton, Robert Alexander, Jr.
Hammond, Wilmer
Hancock, Albert Delos
Hargett, Legrand John
Haring, Teunis Alton
Harris, Douglas Leroy
Hartlieb, Robert Louis
Hartz, Fred Hans
Hatch, John Palmer
Hathaway, George William
Haufler, Robert Cooke
Hayes, Kiffin Yates Rockwell
Herman, Samuel
Hermann, Gayle Louis
Herndon, Fred Jackson
Hess, Robert Eugene
Hickey, Andrew John
Hiergesell, Richard Mason
Hill, Dan Winfield, Jr.
Hinnant, William Walker, Jr.
Hitch, Robert Arthur
Hoag, Jerome Edward, Jr.
Hobbs, Frederick Thomas
Hobgood, Alton Arthur
Hodde, Henry Busch
Hoffman, Gish Norman
Hoggan, Laurence Edward
Holding, Willis Askew
Holmes, Reid Thomas
Horack, Benjamin S.
Horne, Stephen Francis
Howard, John Couper
Hoyle, David Wade
Hudgins, Herbert Caldwell
Hudson, W. Hill, Jr.
Hull, Burnett Norton
Hulme, William Speer
Hurlbut, John Hovey
Huston, Theodore, Jr.
Hutchinson, Robert Alexander, Jr.
Hutchison, John Grosvernor
Ingham, Alfred Walker
Inglish, Edward Sylvester
Ingraham, Dorman Carlton
Ingram, John Edgar
Irwin, Forrest Atlee, Jr.
Irwin, William Madison
Isaacs, Richard Alfred
Isom, Edward Whitten, Jr.
James, Robert Louis
James, Walter Delos
Jancsics, Mathew Joseph
Jerome, Walter Gray
Newton, Mass.
Richmond, Va.
Oakland, Md.
Harrisburg, Pa.
New York, N. Y.
El Dorado, Kan.
Ridgefield Park, N. J.
Shelbyville, Del.
Port Washington, N. Y.
Forrest City, Ark.
Hackensack, N. J.
Camden, Del.
Wantagh, N. Y.
Bayonne, N. J.
White Plains, N. Y.
Bellaire, O.
East Orange, N. J.
Charlotte, N. C.
Savannah, Ga.
Cleveland Heights, O.
Durham, N. C.
Fairmont, W. Va.
Staten Island, N. Y.
Rochelle Park, N. J.
Asheville, N. C.
Raleigh, N. C.
Wilmington, Del.
Holyoke, Mass.
Wilmington, N. C.
Durham, N. C.
Highland Park, Mich.
Elizabethtown, Pa.
New Haven, Conn.
Raleigh, N. C.
Wildwood, N. J.
Durham, N. C.
Farmington, N. C.
Savannah, Ga.
Durham, N. C.
Norfolk, Va.
Shelby, N. C.
Rome, Ga.
Jackson Heights, N. Y.
Oak Park, Ill.
Jenkintown, Pa.
Forest Hills, L. I., N. Y.
Arlington, Va.
New York, N. Y.
Great Neck, N. Y.
New York, N. Y.
Lewes, Del.
Trenton, N. J.
Sunbury, Pa.
New York, N. Y.
Scarsdale, N. Y.
Petersburg, Va.
Washington, D. C.
Newark, N. J.
Winston-Salem, N. C.

- Johnson, Claude Walden
 Johnson, Edward Harold
 Johnson, Walter Christopher, Jr.
 Jones, Curtis Scott
 Jones, John Benjamin
 Jones, Paul Kingsbury
 Jones, Westernman Wilson
 Jordan, Macon
 Kahle, John Roscoe
 Kay, Louis
 Kennedy, Robert Freeman
 Kerr, Ben Ransom
 Kerr, James LeGrande
 Kerr, Walter James
 Kidd, Stephen
 Kimmel, Andrew Lloyd
 Kingsbery, Curtis Lusk
 Kirsch, Jack H.
 Knight, Richard Wallace
 Koerner, John Maxwell
 Kogelschatz, Louis William
 Koop, Charles Thomas
 Koop, Chester Sedgewick
 Kreiser, C. Frederick
 Lamb, Robert Gilmore
 Lambeth, Ralph McAulay
 Landreth, Charles Elmer
 Leckie, James Alexander
 Lee, Francis Brown
 Lenox, Walter Stanley
 Lentz, John Luther
 Lentz, Julian Carr
 Levinson, Joseph Herman
 Levy, Leonard Daniel
 Lewis, Richard Quarles
 Little, Brooks Bivens
 Littler, James William
 Lohman, Robert Maurice
 Long, Max Bickford
 Love, Bedford Emory, Jr.
 Lovell, Ernest James, Jr.
 Lowell, Herbert G., Jr.
 Lowenstein, Herbert Roof
 Lutz, Carl Fredrick
 Lyons, Wilbert A.
 Lyttle, John Logan
 McCann, Frank Bates
 McCaskill, David Dexter
 McCord, Thomas Isaac
 McDonough, Bernard William
 McGarity, John Hamilton
 McGimsey, James Franks
 McInnis, Alex Nott
 McKibbin, David B.
 McLain, William Campbell
 McWreath, Harry Conger
 Macdonald, Richard Watson
 Mack, Harold Dwight
 MacLeod, Duncan Kennedy
 Fort Thomas, Ky.
 Orlando, Fla.
 Chattanooga, Tenn.
 Swarthmore, Pa.
 Tyrone, Pa.
 Salem, Mass.
 Wilmington, Del.
 Mt. Airy, N. C.
 Columbus, O.
 Watseka, Ill.
 Montclair, N. J.
 Murfreesboro, Tenn.
 Winston-Salem, N. C.
 Rumson, N. J.
 Penns Grove, N. J.
 Pottsville, Pa.
 Pensacola, Fla.
 Rockingham, N. C.
 Middletown, N. Y.
 East Paterson, N. J.
 Martinsburg, W. Va.
 Babylon, N. Y.
 Babylon, N. Y.
 Lebanon, Pa.
 Rochester, N. Y.
 Thomasville, N. C.
 Winston-Salem, N. C.
 New York, N. Y.
 Monroe, N. C.
 Ridgefield Park, N. J.
 Durham, N. C.
 Durham, N. C.
 Benson, N. C.
 Durham, N. C.
 Annapolis, Md.
 Fayetteville, N. C.
 Manlius, N. Y.
 Fort Wayne, Ind.
 Roxboro, N. C.
 Roxboro, N. C.
 Raleigh, N. C.
 Westbrook, Me.
 Irvington, N. J.
 Brooklyn, N. Y.
 Ridgewood, N. J.
 New York, N. Y.
 Petersburg, Va.
 Marianna, Fla.
 Wiconisco, Pa.
 Terryville, Conn.
 Charlotte, N. C.
 Morganton, N. C.
 Gulf Hammond, Fla.
 Indianapolis, Ind.
 Columbia, S. C.
 Washington, Pa.
 Bloomfield Hills, Mich.
 Hawthorne, N. Y.
 Buffalo, N. Y.

Maher, John Joseph
Manbeck, John Norman
Markham, Frank Turner
Marshall, Archibald George
Mason, Howard Patrick
Mason, Walter Harrison
Masset, Andrew Hyatt
Meldrum, George Boysen
Merchant, Robert Eugene
Miles, Charles N.
Miller, Garfield L.
Minor, John Travis
Mitchell, Henry Reid, Jr.
Mitchell, Phil, II
Moffitt, Franklyn Monroe
Moise, Davis DeLeon
Montgomery, James Scott
Moon, Vincent Woodard, Jr.
Moore, Hervey Studdiford, Jr.
Moorhead, Charles Albert
Morgan, Clinton Wilkins
Morrisey, John Edward
Morrow, George Samuel
Morse, William Albert
Mulford, Edwin Hastings
Murfree, Mathias Brickle, Jr.
Murray, James Joseph
Nath, Lawrence Haig
Naudain, Leroy Parker
Neikirk, William Irvin
Nesbitt, William Reynolds, Jr.
Newbold, Malcolm
Nichols, Arthur Dewey
Nickerson, Charles Henry
Oliver, William Henry
Olson, Wallace Bruce
O'Mara, Robert James
Orton, James Richard
Oviatt, Milton Payne
Owens, Alfred Lemuel
Parker, Clarence McKay
Parsons, John Robert
Pattillo, Robert Roy, Jr.
Pawling, Arthur Shepherd
Perrell, Francis Arthur
Perry, John Siler
Peters, Paul Robert
Peters, William Anthony, Jr.
Petersen, Arthur Martin
Pharo, George MacPherson
Pifer, Lewis Weaver
Powell, Joe Reade
Powers, William James
Pray, Harold Erwin
Preyer, Alvin Ohem
Puckett, Robert Stephens
Pulliam, Samuel Thompson
Radtke, Robert August
Rague, John Raymond
Washington, D. C.
Lewistown, Pa.
Tiptonville, Tenn.
New Haven, Conn.
Los Angeles, Cal.
New York, N. Y.
Mount Vernon, N. Y.
Langhorne, Pa.
Wilkinsburg, Pa.
Seymour, Conn.
Coral Gables, Fla.
Patavia, N. Y.
Washington, N. C.
Rock Island, Ill.
Rockville Center, N. Y.
Sumter, S. C.
White Plains, N. Y.
Beckley, W. Va.
Sea Girt, N. J.
Sunbury, Pa.
Lombard, Ill.
Flushing, N. Y.
Scarsdale, N. Y.
Lakemont, Ga.
Little Falls, N. Y.
Murfreesboro, Tenn.
Port Washington, N. Y.
Middletown, N. Y.
Haddon Heights, N. J.
Hagerstown, Md.
Durham, N. C.
Manhasset, N. Y.
Abington, Mass.
Torrington, Conn.
Port Monmouth, N. J.
North Plainfield, N. J.
Ashland, Ky.
Lewes, Del.
West Haven, Conn.
Wilson, N. C.
Portsmouth, Va.
Murfreesboro, Tenn.
Atlanta, Ga.
Westfield, N. J.
Miami, Fla.
Rocky Mount, N. C.
Leighton, Pa.
Elizabeth City, N. C.
Lynbrook, N. Y.
Moorestown, N. J.
Durham, N. C.
Durham, N. C.
Pleasantville, N. Y.
Oak Park, Ill.
Cleveland Heights, O.
Birmingham, Ala.
Richmond, Va.
Detroit, Mich.
Queens Village, N. Y.

- Ramsey, Charles Wesley, Jr.
 Rasberry, Howell
 Rawls, Ashburn LeRoy
 Ray, George Irving, Jr.
 Read, Elkins, Jr.
 Reavis, Hubert Rankin
 Rees, Hal Collins
 Rhodes, William Luther, Jr.
 Richwine, James Robert
 Ritter, Richard W. M.
 Rogers, James Forbes
 Rose, Jim Valentine
 Rosenthal, Harry Ellis
 Ross, Robert Enright
 Rumsey, Herman
 Ruskin, Alvin Richard
 Rynd, Laurence Noble
 Samuels, Irving Leonard
 Sawyer, Thomas Benjamin
 Scott, Joseph Whiddon
 Scott, LeRoy Alexander
 Seeberg, Gordon Allan
 Senff, Thomas Prewitt
 Shackelford, Daniel Owen
 Shackleton, John Henry
 Shannon, Charles Eugene
 Shapiro, David Joseph
 Shepard, Vitol Samuel
 Sherron, Roger Jackson, Jr.
 Shilling, Edward William
 Shuff, Landon Earle
 Simmons, Clarence Frederick
 Singletary, William Edward
 Sink, Henry Harrison
 Slatkin, Robert Edward
 Slay, Ronald Joseph
 Sloan, Harvey F.
 Sloan, Robert Love
 Small, Philip Arthur
 Sommers, Paul Adams
 Sparks, Gilbert Ray
 Stack, Warren Carlisle
 Staley, Edwin Lewis
 Stamaton, Jack C.
 Stamey, Robert Henry
 Stankowitch, William Adelbert
 Stearns, James Coleman
 Stephens, Hal Calvin
 Stone, George Henry, Jr.
 Storie, James Clary
 Stovall, Sidney
 Strickland, James Millard
 Stull, Richard John
 Sutton, Wilton Carey
 Taylor, George Evans
 Thomas, James Bartholow
 Thompson, Kearns Reid, Jr.
 Tipton, Eric Gordon
 Tracy, William Edward
 Charlotte, N. C.
 Kinston, N. C.
 South Norfolk, Va.
 Charlotte, N. C.
 Ebensburg, Pa.
 Clarendon, Texas
 Fayetteville, Tenn.
 Estill, S. C.
 Mechanicsburg, Pa.
 Vineland, N. J.
 Upper Darby, Pa.
 Scranton, Pa.
 Winston-Salem, N. C.
 Baltimore, Md.
 Atlanta, Ga.
 New Rochelle, N. Y.
 Brooklyn, N. Y.
 Baltimore, Md.
 Greensboro, N. C.
 Live Oak, Fla.
 Kannapolis, N. C.
 Ansonia, Conn.
 Mt. Sterling, Ky.
 Durham, N. C.
 Springfield, Pa.
 Monroe, N. C.
 New York, N. Y.
 Palm Beach, Fla.
 Durham, N. C.
 Dover, Del.
 Greenville, N. C.
 Rockville Center, N. Y.
 Winston-Salem, N. C.
 Greensboro, N. C.
 Weehawken, N. J.
 Greenville, N. C.
 Bellevue, Pa.
 Waynesville, N. C.
 Charlotte, N. C.
 Maplewood, N. J.
 West Palm Beach, Fla.
 Monroe, N. C.
 Harrisburg, Pa.
 Stamford, Conn.
 Lawndale, N. C.
 Ridgefield Park, N. J.
 Jacksonville, Fla.
 Morristown, Tenn.
 Worcester, Mass.
 Liberty, N. Y.
 Virgilina, Va.
 Rocky Mount, N. C.
 Washington, Pa.
 Jackson, Miss.
 Huntington, W. Va.
 Frederick, Md.
 Reidsville, N. C.
 Petersburg, Va.
 Stockbridge, Mass.

Trakas, Sam Andrew
 Treut, Walter Eugene
 Truax, Oliver W.
 Truesdale, Sidney Louis
 Turner, Linwood Lee, Jr.
 Turner, Stanley John
 Ultes, Carl, Jr.
 Van Voorhis, Robert Henry
 Vinson, John William
 Von Sothen, Edward Austin, Jr.
 Wade, Charles Byrd, Jr.
 Walker, Carlin Osborne
 Wallace, Arthur
 Wallace, James Matthews
 Walter, George
 Ward, Robert Bruce
 Warth, Henry Kent
 Weber, John Joseph
 Webster, Christopher Rowland
 Weichel, Robert Ludwig
 Wenzel, Herman Godfrey, Jr.
 Whitaker, Howard, Jr.
 White, Joseph Milton
 Whitley, Carl McRay
 Whitted, Hugh Edwin, Jr.
 Will, Daniel Carl
 Williams, Denny DuBose
 Williams, Pleasant Hardin
 Williams, William Orrin
 Williamson, James Clay
 Winburn, Robert Jones
 Wood, Melvin Nichols
 Woodard, Harry Clanton
 Wooddy, Arthur Overton
 Wylie, Marvin Miller
 Wyman, Robert Bruce
 Yearns, Wilfred Buck
 York, Raymond Edward

Gastonia, N. C.
 Rutherford, N. J.
 Martins Ferry, O.
 Waynesville, N. C.
 Durham, N. C.
 Upper Montclair, N. J.
 Springfield, O.
 Rutherford, N. J.
 Tampa, Fla.
 Jamaica, N. Y.
 Morehead City, N. C.
 Westport, N. Y.
 Elizabeth, N. J.
 Moorestown, N. J.
 Washington, D. C.
 Baltimore, Md.
 Baltimore, Md.
 Newark, N. J.
 Tappahannock, Va.
 Scranton, Pa.
 Rockville Center, N. Y.
 Windsor, Conn.
 Portsmouth, Va.
 Clayton, N. C.
 Durham, N. C.
 Drexel Hill, Pa.
 Richmond, Va.
 Ashland, Ky.
 Southold, N. Y.
 Gastonia, N. C.
 Midville, Ga.
 Dalton, Mass.
 Louisville, Ky.
 Baltimore, Md.
 Princeton, Ky.
 Arlington, Mass.
 Louisville, Ga.
 Asheville, N. C.

JUNIOR CLASS

Adams, Randal Barker
 Adcock, Frederick John
 Almond, A. J.
 Althoff, Charles Clair
 Arnold, Robert Hickman
 Bailey, James Eugene
 Baily, George
 Baker, William Russell
 Baldwin, Reuben Lynwood, Jr.
 Bane, David Morgan
 Barber, William Lawrence
 Barley, George William
 Barry, Edward Earl
 Baum, Ralph Etheridge
 Beck, Willard Sperring
 Belding, Gordon
 Beyer, Emil Charles
 Bierstein, Joseph Francis
 Black, Robert Hunter

Washington, D. C.
 Pottsville, Pa.
 Little Rock, Ark.
 Hanover, Pa.
 Wilkinsburg, Pa.
 Fort Wayne, Ind.
 Canandaigua, N. Y.
 Bronxville, N. Y.
 Durham, N. C.
 Uniontown, Pa.
 Phillipsburg, N. Y.
 Lynbrook, N. Y.
 Lansdowne, Pa.
 Kitty Hawk, N. C.
 Beverly, N. Y.
 Summit, N. J.
 White Plains, N. Y.
 Harrisburg, Pa.
 Montclair, N. J.

- Blackburn, Linwood Earl
 Boeker, Robert Otto
 Boger, Paul Bennett
 Bowers, Lawrence Ray
 Bowman, Thomas Edward, Jr.
 Bradsher, Arthur B.
 Bransford, Paul Wesley
 Bremer, Roger Edward
 Brown, William Elwood
 Brundage, Jesse Powell
 Brundage, Oliver Hooper
 Buckey, Charles Young
 Buckingham, Walter Harlow
 Bynum, George Taylor
 Callaghan, Chadwick
 Cameron, Edward
 Campbell, John Morgan
 Carl, Herbert Alwin
 Carl, Joseph Milton
 Caroon, William Joseph, Jr.
 Carpenter, John George
 Carson, William Longworth
 Clark, George Warren
 Clark, Harry Vincent
 Clay, Albert Greene
 Clayton, Edgar Lawrence
 Clover, Carl Lee
 Coble, James B.
 Coen, Thomas Graham, Jr.
 Colson, James Thomas, Jr.
 Condit, A. Nelson
 Cooke, Russell Yale, Jr.
 Cooper, Samuel Arthur
 Corbett, Waddell Albert
 Corbett, William Horace
 Cornett, Baron Hale
 Cousins, James F.
 Cox, Nathan
 Cox, Robert Leighton
 Cozart, David Lester, Jr.
 Crannell, Wilbur Harrison, Jr.
 Crawford, Clark Alvin
 Cure, Jack Christie
 Dator, Frank William
 Dennis, Frank Ditmars
 DeVoe, Charles Wood
 Dillon, Edward Alderman
 DiSabatino, Mauro A.
 Doniger, Walter John
 Dowling, Arthur Joseph
 Doyle, Robert Staughton
 Earngey, Willard Phelps, Jr.
 Edwards, Fred Charles
 Edwards, James Francis
 Eltinge, William S.
 Ewing, Nathaniel D.
 Fager, Joseph Shearer
 Fair, David Arthur
 Farmer, Willis Graham
 Fayetteville, N. C.
 Seymour, Conn.
 Morganton, N. C.
 Whiteville, N. C.
 Harrisburg, Pa.
 Montreal, Quebec, Canada
 Anderson, Ind.
 Elmira, N. Y.
 Newtown, Pa.
 Upland, Pa.
 Upland, Pa.
 Akron, O.
 Bradford, Pa.
 Winston-Salem, N. C.
 Brooklyn, N. Y.
 Pine View, N. C.
 Uniontown, Pa.
 Poughkeepsie, N. Y.
 Harrisburg, Pa.
 New Bern, N. C.
 Hague, N. Y.
 Euclid, O.
 Waterloo, N. Y.
 Richmond Hill, N. Y.
 Mount Sterling, Ky.
 Bayside, L. I., N. Y.
 Knox, Pa.
 Durham, N. C.
 Bay Shore, N. Y.
 Brunswick, Ga.
 East Orange, N. J.
 Evansville, Ill.
 New London, Conn.
 Wilmington, N. C.
 Wilmington, N. C.
 Bluefield, W. Va.
 Durham, N. C.
 Clarkton, N. C.
 Mount Olive, N. C.
 Raleigh, N. C.
 Albany, N. Y.
 Elmira Heights, N. Y.
 Pine Hill, N. Y.
 Mahwah, N. J.
 Morristown, N. J.
 Warren, O.
 Marianna, Fla.
 Wilmington, Del.
 Passaic, N. J.
 Savannah, Ga.
 Washington, D. C.
 Rockford, Ill.
 Bloomsburg, Pa.
 Oxford, N. C.
 Kingston, N. Y.
 Vincennes, Ind.
 Camp Hill, Pa.
 Altoona, Pa.
 Bailey, N. C.

Farrar, Dan Ricco
Feagins, Carroll Spurgeon
Ferguson, Benjamin Troy, Jr.
Fickes, William Heim
Fine, Milton Jerome
Finn, Thomas Daniel
Fischer, Charles Henry
Fischer, Walter Leonard
Fitzpatrick, Francis James, Jr.
Flowers, Harold Lee
Floyd, John Lewis
Folsom, Kenneth P.
Foulke, William T.
Frampton, George Thomas
Funkhouser, Jacob Ott, Jr.
Gager, John Jay
Gale, Elmer Thomas
Garber, Murray Roger
Garland, Porter Hickman
George, Judson
Geraci, Salvatore Ugo
Gerard, Frank Thomas, Jr.
Gibson, Gordon Maxwell
Gilbert, Earl S.
Gill, Charles Howard
Gillis, Philip Hugh
Gilpin, Richard Bond
Gorin, Jeremiah Jacob
Gould, Robert Kent
Greenawalt, Robert
Greenfield, Bruce Harold
Greenwood, Porter C.
Griffiths, William H., Jr.
Guerin, Frederick Larter
Haardt, Werner William
Haas, Richard Gibson
Hackney, Elmore Howard
Hall, Robert Foster
Hallock, Charles Benjamin
Hanes, Newton H.
Happel, Benjamin Albert
Harrell, Haywood Linwood
Harris, Joe Frank
Hassel, Merrill Lynnwood
Hausser, Harry Edward
Heise, Kenneth Christian
Hench, William Stuart, Jr.
Herrick, Albert Louis
Herring, Benjamin Marshal
Hewitt, Glenn Edward
Hill, David Alan
Hill, Drew Davidson
Hinck, Robert Henry
Hock, Charles William
Hoffman, Charles Robert
Hoffman, Richard Sterling
Hollowell, Robert Louis
Hooten, Charles Edwards
Hopper, Addison Weaver
Youngstown, O.
Baxley, Ga.
Raleigh, N. C.
Newport, Pa.
Hattiesburg, Miss.
Shelton, Conn.
West Haven, Conn.
Elizabeth, N. J.
Maplewood, N. J.
Hickory, N. C.
Gasburg, Va.
Washington, D. C.
Collamer, Pa.
Scarsdale, N. Y.
Hagerstown, Md.
Bozrah, Conn.
Clinton, N. C.
Bradford, Pa.
West Asheville, N. C.
Laurens, S. C.
Pittsburgh, Pa.
Grenada, Miss.
Chatham, N. J.
Atlanta, Ga.
Newport, R. I.
Arlington, N. J.
Maplewood, N. J.
Cristobal, Canal Zone
Hamburg, N. J.
Harrisburg, Pa.
Philadelphia, Pa.
Salem, S. C.
Great Neck, L. I., N. Y.
South Orange, N. J.
Montclair, N. J.
Youngstown, O.
Durham, N. C.
Charleston, W. Va.
Johnson City, N. Y.
Winston-Salem, N. C.
Blue Ridge Summit, Pa.
Rich Square, N. C.
Raleigh, N. C.
Quarryville, Pa.
Scranton, Pa.
Berwyn, Ill.
Harrisburg, Pa.
Lebanon, Ind.
Greenville, N. C.
New York, N. Y.
Westfield, N. J.
Sasser, Ga.
Short Hills, N. J.
Bluefield, W. Va.
Easton, Pa.
Cincinnati, O.
Hertford, N. C.
Newport News, Va.
Maplewood, N. J.

- Horsley, William Nolen
 Horton, Harry Leonidas
 Hottenstein, Rahn Lincoln
 Hoyle, Alton Reid
 Hubbell, Robert Bolles
 Hudson, Boyd Ellyson, Jr.
 Jenkinson, Harvey Thorndyke
 Jennings, Louis Brown
 Johnson, Roy Ruggles, Jr.
 Johnston, Dana Stephens
 Johnston, John Wesley
 Johntz, Frederick Fones
 Jones, Curtis Hallett
 Jones, Thomas Ogburn
 Josephs, Alexander Rustin
 Katz, Gilbert
 Kaye, Duncan Griffith
 Keane, Richard Carens
 Keffe, Eugene J.
 Kelly, Edward Howard
 Kerman, Herbert David
 Ketcham, Frederick
 Kevil, Leban Hunter
 Kingman, Robert Woodbridge
 Knapp, Robert Stephen
 Knight, Arthur Winfield
 Konopka, Alexander John
 Kraemer, Charles Gustave
 Kumper, Lee Maurice
 Kuperman, Jesse Paul
 Lampe, William Lee
 Landis, William Bechtel, Jr.
 Langford, Rufus Minor
 Lapointe, John Bourgarde
 Leavenworth, Robert Wing
 Leiby, Rowland Willis
 Leidy, Joseph Victor
 Leyrer, William Chase
 Liana, Frank John
 Lipscomb, Woodrow Pershing
 Little, James Crawford
 Lockwood, George Thomas
 Lockwood, John Allison
 Long, Arthur Robert
 Long, George Bryan
 Lucas, Chester Laurice
 McCann, Walter Ray
 McCoy, John Oliver
 McCracken, Charles William
 McGarrity, John Aloysius
 Mack, Edwin Van Tuyl
 Mackie, Joseph Richard
 Maier, George, Jr.
 Main, J. Fulton
 Mann, Alphonso, Jr.
 Mann, John Wilton
 Mansell, Jack Carver
 Marchant, Charles Kerwin
 Marr, S. Wade, Jr.
 Belmont, N. C.
 Albemarle, N. C.
 Millersburg, Pa.
 Asheville, N. C.
 Washington, D. C.
 Jeffs, Va.
 Bellevue, Pa.
 Durham, N. C.
 Upton, Mass.
 Ulster, Pa.
 Roanoke, Va.
 Winston-Salem, N. C.
 Townsend, Va.
 High Point, N. C.
 Charlotte, N. C.
 Durham, N. C.
 Troy, N. Y.
 Petersburg, Va.
 Sioux City, Ia.
 Brooklyn, N. Y.
 West Palm Beach, Fla.
 Fishkill, N. Y.
 Princeton, Ky.
 South Easton, Mass.
 Belleville, Ill.
 Durham, N. C.
 Cameron, N. J.
 Scranton, Pa.
 New York, N. Y.
 Jersey City, N. J.
 Harrisburg, Pa.
 Scranton, Pa.
 Meridian, Miss.
 Meriden, Conn.
 New Haven, Conn.
 Raleigh, N. C.
 Philadelphia, Pa.
 Bay Shore, N. Y.
 Brooklyn, N. Y.
 Hinton, W. Va.
 Raleigh, N. C.
 Moorestown, N. J.
 Verona, N. J.
 Birmingham, Ala.
 Harrisburg, Pa.
 Hopkinton, Mass.
 Petersburg, Va.
 Glen Jean, W. Va.
 Ardmore, Pa.
 Trenton, N. J.
 Rutherfordton, N. C.
 Philadelphia, Pa.
 Bridgeton, N. J.
 Kingston, N. Y.
 Durham, N. C.
 Durham, N. C.
 Maplewood, N. J.
 Verona, N. J.
 Elizabeth City, N. J.

Marshall, William	Vinton, Va.
Martin, Charles Keene	Leaksville, N. C.
Martin, James Marion	Durham, N. C.
Mason, Fred Cather	Upper Darby, Pa.
Mathews, Edward Gilbert	Hamden, Conn.
Mathey, Frank Arthur	New York, N. Y.
Matulewicz, Raymond Constantine	Mt. Carmel, Pa.
Miller, William John, Jr.	Philadelphia, Pa.
Moffitt, Walton Denson	Greensboro, N. C.
Moore, Huber Hanes	Norwood, N. C.
Moran, William Joseph	Richmond, Va.
Moritz, John Marines	Enka, N. C.
Morris, James Terry	Florence, Ala.
Murphy, Charles Baez	Brooklyn, N. Y.
Murphy, Valentine Lawrence	South Coventry, Conn.
Myres, Hillman Burnett	Gainesville, Fla.
Nailor, Irvin LeRoy	Camp Hill, Pa.
Newens, Richard Scott	Ithaca, N. Y.
Newton, E. Lowell	Hickory, N. C.
Nixon, Pennington Mason	Rome, Ga.
Northup, Richard Winfield	Rutherford, N. J.
Olesen, Oscar Ernest	Lynbrook, N. Y.
Orton, Stuart	Rahway, N. J.
Owens, William Robert, Jr.	Covington, Va.
Palmgren, Einar Alexander	Charlotte, N. C.
Paredes, Paul Emile	San Pedro Sula, Honduras
Pedersen, Peder Malvin	Durham, N. C.
Pell, Joseph Andrew	Pilot Mountain, N. C.
Pengelly, Donald Albert	Zanesville, O.
Perine, Everett Graves	East Orange, N. J.
Perry, Norvin A., Jr.	Perry Park, Ky.
Peters, Frank Stanley	Nanticoke, Pa.
Pfann, Harry Fred	Mountain Lakes, N. J.
Pickard, John David	Charlotte, N. C.
Plaster, William Emory	Leesburg, Va.
Plumb, John J.	Hackensack, N. J.
Pons, Walter	Rutherford College, N. C.
Pope, Albert Harrell	Dunn, N. C.
Pope, Marvin Hoyle	Durham, N. C.
Power, Thomas William	Rosemont, Pa.
Price, Robert Murray	Scranton, Pa.
Prindle, William Martin	Barr, R. I.
Pruitt, Charles Eugene	Frederick, Md.
Purnell, Oliver James	Rockville, Conn.
Quick, Leon Wright	Watertown, N. Y.
Rebman, Andrew Fred	Courtland, Ala.
Riley, Joseph William	Collingsdale, Pa.
Ris, Howard Clinton	Freeport, N. Y.
Roesti, Max, Jr.	Boston, Mass.
Rohland, John Harrison	Jeddo, Pa.
Rohrbaugh, Austin Bertram	Chevy Chase, Md.
Rosenstein, Louis	Baltimore, Md.
Rouse, Arthur Blyth, Jr.	Lexington, Ky.
Rouzer, Elmer Ellsworth	Hagerstown, Md.
Russell, Horace, Jr.	Washington, D. C.
Russo, Roland	Montclair, N. J.
Ryon, Thomas Shipley	Washington, D. C.
Sackman, Martin Douglas	Garden City, N. Y.
Sager, Thomas Curtis	Hagerstown, Md.

- Scanlan, Robert Lawrence
 Schaefer, Walter Augustus II
 Schworer, Donald Valentine
 Scott, Donald Justin
 Sheehan, Donald Henry
 Shepherd, Ashby Lee
 Shilliday, James Glasser
 Shockloss, William John
 Sholes, Dillard McCary
 Simpson, Ernest Albert, Jr.
 Smart, Gardner Ford
 Smith, Edward
 Smith, Frederick Firth
 Smith, Kenneth Murphy
 Somerville, William Bierman
 Spurgeon, Allen Cooper
 Spurgeon, John Lackey
 St. Amand, Herbert J.
 Stauffer, Charles Clarence
 Steenrod, Robert Lee
 Stephens, Robert Harvey
 Stetler, Keith Hays
 Stocks, William Leonard
 Stone, Merle Kay
 Stone, Russell DeLeon
 Sundholm, John Edwards
 Surbaugh, George Harvey
 Sutherland, Arthur Goodwin, Jr.
 Sutherland, Archie Reid
 Sykes, Harold Arthur
 Taliaferro, Richard McCulloch
 Tantum, Ellwood Combs
 Taylor, Curtis Sheldon
 Taylor, Francis Spratt
 Taylor, Hoy, Jr.
 Thomas, Charles A.
 Thompson, Walter Rowe
 Thompson, William Gilmore
 Thornhill, George Tudor
 Thurston, Harold Bushman
 Timberlake, Lloyd Flintom
 Timberlake, Thomas Howard
 Towner, Robert Carlton
 Turley, Edward William
 Turner, Charles Fletcher
 Turner, Milford Peterson
 Ulrich, Harvey Edward
 Van Lill, Stephen Joseph, III
 Von Glahn, Harold Diederich
 Wade, Luther Irwin, Jr.
 Walker, Remsen Wesley
 Walker, Richard Leigh
 Watson, Edward Louis
 Webster, Thomas Preston, Jr.
 Weidner, John Howard
 Weinstein, Maurice Aaron
 Wells, William Waterman
 Wenrich, Charles Daniel
 West, James Kilgo
 Brooklyn, N. Y.
 Nutley, N. J.
 Brooklyn, N. Y.
 West Palm Beach, Fla.
 Monclair, N. J.
 Bristol, Md.
 Pittsburgh, Pa.
 Wilkes-Barre, Pa.
 Durham, N. C.
 Hightstown, N. J.
 Troy, Ala.
 Dunn, N. C.
 Orange, N. J.
 Barnesville, O.
 Cumberland, Md.
 Uniontown, Pa.
 Uniontown, Pa.
 Durham, N. C.
 Washington, D. C.
 Liberty, N. Y.
 Wilmington, Del.
 York, Pa.
 Altoona, Pa.
 Durham, N. C.
 Wilmington, N. C.
 Brooklyn, N. Y.
 Anderson, Ind.
 Charlotte, N. C.
 Clintwood, Va.
 Queens Village, N. Y.
 Columbia, S. C.
 Cream Ridge, N. J.
 Addison, N. Y.
 Durham, N. C.
 Milledgeville, Ga.
 Philadelphia, Pa.
 Milford, N. C.
 Portland, Me.
 Bluefield, W. Va.
 Martinsburg, W. Va.
 Columbia, S. C.
 Columbia, S. C.
 Nunda, N. Y.
 Parkersburg, W. Va.
 Birmingham, Ala.
 Clayton, N. J.
 Haddonfield, N. J.
 Baltimore, Md.
 Brooklyn, N. Y.
 Elkin, N. C.
 Tarrytown, N. Y.
 Philadelphia, Pa.
 Tuckahoe, N. Y.
 Tappahannock, Va.
 Reading, Pa.
 Salem, N. J.
 Elmira, N. Y.
 Washington, D. C.
 Asheville, N. C.

Werrett, Norman Lewis
 White, Donald Hamilton
 Widmark, Walter LeRoy
 Wiley, Arthur Leslie, Jr.
 Williams, Berry Collins
 Williams, Bill Justin
 Williams, Joseph Lake
 Williams, Manley Cadwallader
 Wilson, Earl Way
 Wilson, Robert Clarence
 Woodard, Marshall Wayne
 Worthington, George Sanford
 Wright, William Beverly, Jr.
 Wunder, Clarence Edmond, Jr.
 Yoder, J. Russell, Jr.
 Young, Hubert Pride

Wilmington, Del.
 Brooklyn, N. Y.
 Verona, N. J.
 Norfolk, Va.
 Fayetteville, Tenn.
 Fayetteville, Tenn.
 Easley, S. C.
 Rahway, N. J.
 Durham, N. C.
 Bennington, Vt.
 Asheville, N. C.
 Washington, D. C.
 Raleigh, N. C.
 Ardmore, Pa.
 Esterly, Pa.
 Scarsdale, N. Y.

SENIOR CLASS

*Abbott, Edwin Ball
 Alberts, Jack Christian
 Alexander, Wendell Wells
 Alterman, Abe
 Ambler, Wayne Harper
 *Andrews, Vernon Liles
 Appleford, George Burton
 Arnold, Lee
 Ashby, H. Nicholson
 Atkins, Emmet Day
 Atkinson, John Virgil
 Austin, Richard Erwin
 Bailey, George Robert
 Baker, Charles Harvey
 Ballard, Carroll Chadwick
 Barber, Horace Eldridge
 *Barnham, Ernest Dudley, Jr.
 Barrs, William Kenneth
 Bean, Robert T.
 Beard, Francis Dean
 *Beasley, Raymond Ellis
 Beazley, Richard Lee
 Beich, Paul Marion
 Bennett, Floyd Sheddan
 Bistline, James Adams
 Bode, Helmuth H.
 Boepple, William A.
 Books, John Wesley
 Boyce, Stanley Francis
 Boyle, Kenneth Monroe
 Boylston, Bedford Forrest
 Brach, Earl Tilton
 Brady, William Herman
 Brown, Edwin Wells
 Brown, James Walter, Jr.
 Bruner, Jerome Seymour
 Bruns, John J.
 Buck, Robert Earl
 *Budd, Walter Pemberton, Jr.
 Bullock, Isaac Weldon

Birmingham, Ala.
 Hoboken, N. J.
 Villanova, Pa.
 Atlanta, Ga.
 Abington, Pa.
 Mt. Gilead, N. C.
 North Andover, Mass.
 Chicago, Ill.
 Durham, N. C.
 Gastonia, N. C.
 Pueblo, Colo.
 Delmar, N. Y.
 Rockville Center, L. I., N. Y.
 Newark, N. J.
 Eximore, Va.
 Glen Falls, N. Y.
 Newark, N. J.
 South Miami, Fla.
 Chattanooga, Tenn.
 Durham, N. C.
 Ansonville, N. C.
 South Orange, N. J.
 Bloomington, Ill.
 Richmond, Va.
 Cumberland, Md.
 West Englewood, N. J.
 New York, N. Y.
 Haddon Heights, N. J.
 Baltimore, Md.
 Arlington, N. J.
 Aiken, S. C.
 Baltimore, Md.
 Highfalls, N. C.
 Asheville, N. C.
 Gatesville, N. C.
 Forest Hills, N. Y.
 Baltimore, Md.
 Fort Washington, Pa.
 Durham, N. C.
 Creedmoor, N. C.

* Requirements for graduation completed in Summer School, 1936.

- Burd, James E. L.
 Burgess, Woodrow William
 Burrell, Clayton Jay
 Burwell, George Allen
 Byrum, Charles Forrest
 Callahan, Peter Edward
 Carden, Russell Campbell
 Clark, Frederick Eugene
 Clay, Charles Stafford
 Cleaveland, Fred Neill
 *Cole, John Totterdale
 Collins, Harold Reeves
 Cone, Arthur Read
 Conlee, VanWyck Burt
 Cornish, Donald Cross
 Corriher, Walter Douglas
 Cosgrove, Walter Arthur
 Cottingham, William Thomas
 Cowan, Robert Love
 Cox, Headley Morris, Jr.
 Cross, Guy Elmer
 Cummings, Robert Winthrop
 Daugherty, Robert Hicks, Jr.
 David, Joseph Kold, Jr.
 Davis, George Drennen
 Day, Henry Fenton
 Deneen, Russell Sanders
 Desvernine, Eugene
 Doty, Roy Anderson
 Eastwood, Howard, Jr.
 *Eberly, Charles Clyde
 *Edmunds, J. Arnold
 *Edwards, Malcolm
 Evans, Henry Simpson
 *Ewing, Sam Watson
 Fager, Richard Fulton
 Fairchild, Albert Royal, Jr.
 *Ferguson, Frank Davis, Jr.
 Ferris, Douglas Wellson
 Few, William
 Fischer, Monroe Carl
 Fisher, John Land
 Fisher, William Henry
 Fletcher, Albert William
 *Forrest, Russell John
 Fox, Lafayette Palmer
 Frantz, Ivan DeRay, Jr.
 Fretwell, Joseph John, III
 Friedlander, Irwin
 Fuller, Stephen Bliss
 Fulmer, William Henry
 Gellert, Walter George, Jr.
 *Gibbons, Julius Joyce, Jr.
 Gillander, Robert Carlisle
 Ginsberg, Harold
 Goldstein, Samuel
 *Goode, Joseph Roland, Jr.
 Gorringer, James Norman
 Pottsville, Pa.
 Royal Oak, Mich.
 Wetmore, Mich.
 Warrenton, N. C.
 Great Falls, S. C.
 Bronx, N. Y.
 Chattanooga, Tenn.
 Maplewood, N. J.
 Beckley, W. Va.
 Orange, N. J.
 Warren, O.
 South Seaville, N. J.
 Buffalo, N. Y.
 Schuylerville, N. Y.
 New Rochelle, N. Y.
 Charlotte, N. C.
 Southampton, N. Y.
 Douglas, Ga.
 Newport, Tenn.
 Mount Olive, N. C.
 Lynbrook, L. I., N. Y.
 Lynbrook, N. Y.
 Cape Girardeau, Mo.
 Jacksonville, Fla.
 McKeesport, Pa.
 Danville, Va.
 Bakersville, N. C.
 Marianao, Havana, Cuba
 Rogersville, Tenn.
 Burlington, N. J.
 Chester, Pa.
 Youngstown, O.
 Scarsdale, N. Y.
 Durham, N. C.
 Greenwich, N. J.
 Camp Hill, Pa.
 Glenside, Pa.
 Waynesville, N. C.
 New Rochelle, N. Y.
 Durham, N. C.
 Scranton, Pa.
 Lakewood, O.
 Centreville, Md.
 Scarsdale, N. Y.
 Bloomfield, N. J.
 Harrisburg, Pa.
 Clarksburg, W. Va.
 Miami Beach, Fla.
 Moultrie, Ga.
 Chevy Chase, Md.
 Savannah, Ga.
 Abington, Pa.
 Wilson, N. C.
 Pittsburgh, Pa.
 Daytona Beach, Fla.
 Salem, N. J.
 Alexandria, Va.
 East Orange, N. J.

* Requirements for graduation completed in Summer School, 1936.

Gourley, Robert Dunseith	New York, N. Y.
*Gray, Edward Lee	Durham, N. C.
Green, Warren Thornton	Louisville, Ky.
Guerin, Briant Bowman	Mendham, N. J.
*Haines, Risley Frith	Bayamo, Cuba
Ham, Alan Weightman, Jr.	East Milton, Mass.
Hammer, John D.	Tampa, Fla.
Hanes, Pleasant Huber	Winston-Salem, N. C.
Hardin, James Carlisle	Rock Hill, S. C.
Harris, Roger Kennedy	Newport, Ark.
Harrison, Charles Luce, Jr.	Cape Girardeau, Mo.
Harte, Sheldon Robert	New York, N. Y.
Hays, Leopold Mozart	Durham, N. C.
Heddesheimer, George Henry	Yonkers, N. Y.
Hintermeister, Richard Fredrick	Brooklyn, N. Y.
Hirst, Donald Vincent	Durham, N. C.
Hoffman, John Edward	Fort Wayne, Ind.
Horneffer, Lawrence Grant	New York, N. Y.
Hough, Thomas Bryant	Garner, N. C.
Howard, Robert Glen	Washington, D. C.
*Hoyle, Enoch Marvin	Durham, N. C.
Hunter, Robert Gray	Lansdowne, Pa.
Ibbeken, Gunther Henry	Haddon Heights, N. J.
Jackson, Frederick Raymond, Jr.	Charlottesville, N. C.
Jacobs, Albert Gentel	Germantown, Pa.
Jenkinson, Richard Dale, Jr.	Bellevue, Pa.
Jennings, William Champe	Westfield, N. J.
*Jester, Joseph Richardson	Alexandria, Va.
Jones, Arthur Sidney	Metuchen, N. J.
Jones, Chester George	Bryn Mawr, Pa.
Jones, Robert Lyon	Murfreesboro, Tenn.
Karakash, John	Istanbul, Turkey
Kay, Robert Eynon	Wildwood, N. J.
*Keith, Gilbert Lewis	Wilmette, Ill.
*Kellmeyer, Fred Norval	Wheeling, W. Va.
Kellogg, Mitchell	New Canaan, Conn.
Ketchum, Paul Freley	Washington, D. C.
*Kimmerle, Roy Charles	Buffalo, N. Y.
King, John Cheves, Jr.	Charlestown, W. Va.
Klock, John Douglas	Walker, N. Y.
Knapp, James Edward	Irasburg, Vt.
Kneipp, John Albert	Washington, D. C.
*Kolb, Harvey Arthur	Congers, N. Y.
Koonce, John Edward, Jr.	Chadbourne, N. C.
Korstian, Kenneth Clarence	Durham, N. C.
Kreider, Clarence Wenger	Philadelphia, Pa.
Kritzer, Morton Daniel	New York, N. Y.
Krizek, William Louis	Schenectady, N. Y.
Krum, Kenneth William	Lynbrook, N. Y.
Kurtz, Harold Keller	Miami, Fla.
Lackey, Archer Evans	Roxboro, N. C.
Laird, Knight	Jonesboro, Ark.
Lambeth, James Erwin	Thomasville, N. C.
*Latchem, Charles Wells	Washington, Ia.
Lauther, Frederick Ralph	Lebanon, Pa.
Lee, Eugene Raymond	Scarsdale, N. Y.
Leland, Roderic Schuyler	New Canaan, Conn.
Lengler, Robert Edward	Scranton, Pa.

* Requirements for graduation completed in Summer School, 1936.

- Liller, Melvin Henry
 Litaker, Roy
 Litterst, Harry Bertrand
 McDermott, John Joseph
 *McDonald, Flemmon Pernel
 McElwrath, Brooks
 McFadyen, Oscar Lee
 McMaster, Gerald Thomas
 Manifold, Edward W. L.
 Martin, Robert Doane
 Maryott, Arthur Allen
 *Mason, Herbert Alexander
 Menaker, Jerome Seymour
 Meyer, Joseph Wight
 Meyerson, Stanley Phillip
 Miller, Edmund Solomon Lenhart
 Miller, John Cassel
 Milnes, Randolph Gilman
 Moore, Frederick Porter, Jr.
 *Moore, John Shelby
 Morelock, George Leslie, Jr.
 Morris, Lewis Harry
 Motley, Carvelle Douglas
 Moyle, Samuel B.
 Munster, Ralf F. W.
 Murray, Thomas Jones
 Muse, Jesse Phillip
 Neuburger, Charles Rentall
 Newton, Holmes Ely
 Nicholas, Donald Yeager
 Nicks, Robert Lee
 Nothdurft, William Herman
 Ondek, John Paul, Jr.
 Owen, Richard Holland
 Owen, William Nathaniel
 *Paist, John Brooks, Jr.
 *Pait, James Albert
 *Parker, Lentz Kegley
 Parzick, Vincent John
 Patterson, George Enslen
 Patterson, Richard Anthony
 Paulsen, Douglas Bernhard
 Peck, Charles Bert
 Penabaz, Fernando
 *Pepper, John Robertson
 Pettengill, Francis Washburne
 Pettit, Paul Herschel
 Phinney, Carleton Clifford
 *Pierson, Corydon Boyd
 Pless, John Albert
 Plumb, Charles Seymour
 Podger, Kenneth Arthur
 Poggi, Robert Roger
 Portz, John Taylor
 Post, Edward Ernest
 Ramsey, William Horn
 Rice, Leaming Moore, Jr.
 *Ricks, William Pittman
 Hershey, Pa.
 Charlotte, N. C.
 Arlington, N. J.
 Freehold, N. J.
 Lillington, N. C.
 Mayfield, Ky.
 Fayetteville, N. C.
 Philadelphia, Pa.
 York, Pa.
 Westfield, N. J.
 Augusta, Ga.
 Durham, N. C.
 Harrisburg, Pa.
 East Orange, N. J.
 Spartanburg, S. C.
 Hamburg, Pa.
 Allentown, Pa.
 Rahway, N. J.
 East Gardner, Mass.
 Clarksburg, W. Va.
 Nashville, Tenn.
 Chester, Pa.
 Charleston, W. Va.
 Durham, N. C.
 Savannah, Ga.
 Philadelphia, Pa.
 Savannah, Ga.
 Maplewood, N. J.
 Summit, N. J.
 Scranton, Pa.
 Cedar Grove, N. C.
 Salamanca, N. Y.
 Pittsburgh, Pa.
 Clarksville, Va.
 Schenectady, N. Y.
 Lansdowne, Pa.
 Staunton, Va.
 Pembroke, Va.
 Millers Falls, Mass.
 Macon, Ga.
 Glen Falls, N. Y.
 Baldwin, N. Y.
 Washington, D. C.
 Jababo, Oriente, Cuba
 Memphis, Tenn.
 Richmond Hill, N. Y.
 Ocean City, N. J.
 Newtonville, Mass.
 Caribou, Me.
 Lexington, N. C.
 Edgewood, R. I.
 Kenmore, N. Y.
 Tenaflly, N. J.
 Pottsville, Pa.
 Shelby, N. C.
 Charlotte, N. C.
 Wildwood, N. J.
 Rocky Mount, N. C.

* Requirements for graduation completed in Summer School, 1936.

- *Rockett, Ralph Leon
 Rogers, Edwin Davis
 Rose, Merrill Mitchell
 Salmon, George Gilbert, Jr.
 Sanders, James Robert
 Sapp, Clarence Joseph
 Satterfield, Frank Griffin
 Scarborough, Henry Baldwin
 Schaub, Berkley Victor
 *Schlesinger, Willard Raphael
 Schmitt, Donald Henry
 Scott, George Ryland, Jr.
 Scott, John Green, Jr.
 Scull, Thomas Robinson
 Sellers, William Harrison
 Selser, Joseph Knight
 Sharkey, Norman Stone
 *Shaw, Philip Sidell
 Shehan, William Mason, Jr.
 Shelnutt, Harold Harper
 Shemet, Alexander Michael
 *Shields, Richard Allen
 Shore, Culver Cary
 Shuff, Charles Wesley, III
 Simmons, William Pinckney
 *Simpson, Paul Ervin
 Slay, James Matthew
 Slingluff, Hambleton
 Smith, C. Manning
 Smith, Haddon Hartang
 Smoot, William Irvin
 Snyder, George Peter, Jr.
 Southgate, Thomas Fuller
 Speir, Ross Clarence
 *Stallings, Oscar Grant
 Stevenson, Robert Mahaffy
 Stewart, Jack Morris
 Stewart, Robert Plummer
 Stube, William Masten
 Sullivan, Henry Glenn
 Thoman, John Beck
 Thornton, Willfred Harkness
 Topping, Munford Ellis
 Tuttle, John Spencer
 Upchurch, Herbert Jackson
 Vail, Charles Rowe
 Van Nostrand, Norman Wyckoff, Jr.
 Van Wiemokly, Seymour
 Wall, Roger Hull
 Walter, Clark, Jr.
 Ward, Thurman L.
 Washburn, John William
 Weinstein, Milton Nathaniel
 Welfare, Bradley Lamar, Jr.
 Weston, Robert Lewis
 Wilkes, John Edwin
 Wilkinson, Robert Austin
 Williams, William Robert
 Gastonia, N. C.
 Marlton, N. J.
 Lancaster, S. C.
 Maplewood, N. J.
 Clayton, N. C.
 Albany, Ga.
 Durham, N. C.
 Mt. Gilead, N. C.
 Westfield, N. J.
 Brooklyn, N. Y.
 White Plains, N. Y.
 Detroit, Mich.
 Tamaqua, Pa.
 Somers Point, N. J.
 Anniston, Ala.
 Jenkintown, Pa.
 Lynbrook, N. Y.
 Lawrence, Mass.
 Easton, Md.
 Tryon, N. C.
 Jamaica, N. Y.
 Lewes, Del.
 Thomasville, N. C.
 Greenville, N. C.
 Bainbridge, Ga.
 Ridgewood, N. J.
 Greenville, N. C.
 West Hartford, Conn.
 Charleston, W. Va.
 Maplewood, N. J.
 Seaford, Del.
 Ridgefield Park, N. J.
 Durham, N. C.
 Birmingham, Ala.
 Augusta, Ga.
 Clearfield, Pa.
 Palestine, Texas
 Charlotte, N. C.
 Niagara Falls, N. Y.
 Anderson, S. C.
 Youngstown, O.
 Jackson, Ga.
 New York, N. Y.
 Bayonne, N. Y.
 Durham, N. C.
 Ocean City, N. J.
 New York, N. Y.
 Morristown, N. J.
 San Juan, Puerto Rico
 Washington, D. C.
 Galax, Va.
 Bostic, N. C.
 Atlanta, Ga.
 Winston-Salem, N. C.
 Kensington, Md.
 Pennington, N. J.
 Millburn, N. J.
 Laurel, Del.

* Requirements for graduation completed in Summer School, 1936.

Wilson, Donald Ross
 Winton, Ernest Avery
 *Witcover, H. Wallace
 Womble, William Fletcher
 Wright, Walter Caldwell
 Zambone, Joseph Harry

Greenland, N. Y.
 Miami Beach, Fla.
 Darlington, S. C.
 Winston-Salem, N. C.
 Wenonah, N. J.
 Vineland, N. J.

SPECIAL STUDENTS

Crumpacker, Wm. J.
 DeBruyne, Anton Locker
 Edwards, Charles William, Jr.
 Exum, William Allen
 Fogleman, William Harry
 Fukuhara, Nobukazu
 Persons, Walter S.
 Rogers, Thomas Tinsley
 Stephenson, Arthur Louis Greene, Jr.
 Stone, William Thomas
 Thomas, Robert Russell, Jr.
 Wetmore, Thomas Hugh
 Wilkinson, Albert Alexander

Durham, N. C.
 Durham, N. C.
 Durham, N. C.
 Snow Hill, N. C.
 Portsmouth, O.
 Tokyo, Japan
 Durham, N. C.
 Hinton, W. Va.
 Aulander, N. C.
 Hillsboro, N. C.
 Oak Hill, W. Va.
 Woodleaf, N. C.
 Durham, N. C.

THE WOMAN'S COLLEGE

FRESHMAN CLASS

Acer, Virginia Katharine
 Akin, Elizabeth
 Aldridge, Bertha Maria
 Andrews, Sarah McLaurin
 Apgar, Dorothy Winfree
 Applewhite, Elizabeth Cheatham
 Armstrong, Helen Hamilton
 Ausser, Ruth Dorothy
 Babcock, Farrar Jeanne
 Bail, Jane
 Bailey, Dorothy Cutter
 Baldwin, Norma Joyce
 Barclift, Margaret Nixon
 Benson, Mary Idelia
 Blakeney, Catherine Carlos
 Blount, Maryanne
 Boger, Freda Dotger
 Bolich, Mamie Evelyn
 Borland, Frances Mason
 Bouton, Jeanne Addie
 Bowen, Elizabeth Jane
 Boyd, Annajane
 Brewer, Rosanna Jane
 Brown, Jean Louise
 Brown, Nancy Gordon
 Brunner, Mary Marget
 Bryan, Margaret Hooper
 Brylawski, Helen
 Burt, Dorothy Blanche
 Byrne, Martha Jewell
 Caldrony, Eleanor Irene
 Callaway, Charlotte Jane
 Campbell, Edna Preising

Kenmore, N. Y.
 Wyoming, O.
 Durham, N. C.
 Durham, N. C.
 Charleston, W. Va.
 Halifax, N. C.
 Macon, Ga.
 Mountain Lakes, N. J.
 McAlester, Okla.
 Fort Myers, Fla.
 Summit, N. J.
 West Haven, Conn.
 Durham, N. C.
 Winston-Salem, N. C.
 Harrisburg, Pa.
 Pensacola, Fla.
 Philadelphia, Pa.
 Conover, N. C.
 Durham, N. C.
 Miami, Fla.
 Buffalo, N. Y.
 Germantown, Pa.
 Shaker Heights, O.
 Charlotte, N. C.
 Amesbury, Mass.
 Bexley, O.
 Queenstown, Md.
 Washington, D. C.
 Ventnor, N. J.
 Philadelphia, Pa.
 Ridgefield Park, N. J.
 Altoona, Pa.
 Drexel Hill, Pa.

* Requirements for graduation completed in Summer School, 1936.

Campbell, Olive Ann
 Campbell, Phyllis Jane
 Catchpole, Erminie
 Chambers, Wave Maxine
 Clark, Camille Caroline
 Clements, Lillie Duke
 Clifford, Barbara Chase
 Coburn, Geraldine
 Collins, Jo
 Colsh, Doris Hadley
 Conine, Doris Marie
 Conrad, Elizabeth
 Constien, Helen
 Cooley, Lois Randolph
 Copsey, Betty Jean
 Cox, Florence Stedman
 Dalton, Suzanne
 Dameron, Isa Sills
 Daugherty, Eloise Maxine
 Davis, Alice Gwyn
 Davis, Eleanor Beauford
 Deas, Margaret Eleanor
 Devendorf, Helen Carver
 Dixon, Edith Augusta
 Dodge, Mary Stacy
 Donahue, Ruth Edith
 Dorn, Dorothy Edith
 Douglass, Betty Randle
 Edwards, Rufe Dorsey
 Eggimann, Velma Marie
 Evans, Alona Elizabeth
 Eyerly, Susanne Maria
 Fris, Constance
 Gaines, Barbara Jeanne
 Gambill, Helen Elizabeth
 Gambke, Dolores Barbara
 Garabrant, Ruth Frances
 Garver, Margaret Elizabeth
 Gee, Betty Geraldine
 Gee, Claribel Nance
 Gerow, Jeanne Elizabeth
 Gibson, Frances
 Glass, Ann King
 Glenn, Peggy Elizabeth
 Goddard, Cornelia Margaret
 Goddard, Frances Mae
 Gracely, Louise
 Gwyn, Anne Russell
 Haas, Janet Elaine
 Hamre, Grace Cole
 Hance, Dorothy Fisher
 Hanham, Dearborn Colette
 Harper, Marie Norene
 Harrington, Amy Riser
 Hartman, Doris Katherine
 Hawley, Brenna
 Hayes, Martha Anne
 Hedrick, Willa Frances
 Hempelmann, Marion Paula

Asheville, N. C.
 Chapel Hill, N. C.
 North Rose, N. Y.
 Okmulgee, Okla.
 Meridian, Miss.
 Durham, N. C.
 Damariscotta, Me.
 Raleigh, N. C.
 Coral Gables, Fla.
 Maplewood, N. J.
 Stratford, Conn.
 Washington, D. C.
 Ashland, Pa.
 Arlington, Va.
 Summit, N. J.
 Mount Olive, N. C.
 Toledo, O.
 Goldsboro, N. C.
 Cumberland, Md.
 Shelby, N. C.
 Melbourne, Fla.
 Atlanta, Ga.
 Asheville, N. C.
 Rocky Mount, N. C.
 Chester, Va.
 Upper Darby, Pa.
 Springfield, Mass.
 Stanton, Tenn.
 Jacksonville, Fla.
 Lake Como, N. J.
 Durham, N. C.
 Hagerstown, Md.
 Albany, N. Y.
 Lakewood, O.
 Chattanooga, Tenn.
 Englewood, N. J.
 Brooklyn, N. Y.
 Ivyland, Pa.
 Cleveland, O.
 Greenwood, S. C.
 Liberty, N. Y.
 Concord, N. C.
 Paris, Ky.
 Kew Gardens, N. Y.
 Stratford, Conn.
 Upper Nyack, N. Y.
 Marion, O.
 Reidsville, N. C.
 Toledo, O.
 Brooklyn, N. Y.
 Easton, Pa.
 Asheville, N. C.
 Habana, Cuba
 Monroe, N. C.
 Fort Monroe, Va.
 Kenilworth, Ill.
 Salem, Va.
 Salisbury, N. C.
 St. Louis, Mo.

Henry, Barbara Anne
 Higgins, Helen Dorothea
 Hill, Emma Marie
 Hodges, Virginia Nelson
 Hopper, Myrtle Eleanor
 Hopwood, Margaret Curtin
 Huckabee, Jane
 Hummel, Karla Leiselotte
 Hyde, Lorraine Olive
 Izlar, Camille Willingham
 Jarvis, Ora Alpha
 Jeffcoat, Helen Jeannette
 Johnson, Marion Duke
 Jones, Maggie Sarah
 Joyner, Edna McDonald
 Kelley, Maude Margaret
 King, Ann Lamb
 King, Dorothy Rae
 Kingsbury, Anne
 Knight, Helen Louise
 Kramer, Betty Ellen
 LaFevers, Dorothy Mae
 Laird, Martha
 Lane, Bernice Elizabeth
 Lassiter, Mary Dearborn
 Lauffer, Beatrice May
 Lavington, Adele Frances
 Lee, Anna deFranse
 Lee, Yorke Houston
 Livermore, Anne Louise
 Lockhart, Florence Green
 Long, Dorothy Daniel
 Long, Winifred
 Lunsford, Noni Jordan
 Lutz, Marjorie Elizabeth
 McCreery, Marjorie Graham
 McDorman, Miriam Elizabeth
 McFadyen, Betty Cannon
 McKechnie, Beatrice Jane
 McKenzie, Eleanor
 McKinsey, Sarah Carol
 McMillan, Anne Fonville
 Mailler, Barbara Russell
 Mason, Virginia Baird
 Matthews, Doris Adelaide
 Mauser, Frances Fahler
 May, Stella Josephine
 Medley, Doris
 Merkel, Jean
 Metz, Jean Lois
 Monaghan, Margaret Elizabeth
 Montague, Margaret Emily
 Morel, Eugenia Evelyn
 Mowry, Betty Jane
 Murphy, Jeanne Dorothea
 Nachamson, Eva
 Neel, Dorothy
 Nelson, Frances Mae
 Neushul, Maxine Marie
 Atlanta, Ga.
 East Taunton, Mass.
 White Plains, N. Y.
 Charleston, W. Va.
 Purchase, N. Y.
 Minneapolis, Minn.
 Macon, Ga.
 New York, N. Y.
 Interlaken, N. J.
 East Aurora, N. Y.
 Charleston, W. Va.
 Opp, Ala.
 Durham, N. C.
 Townsend, Va.
 Manatee, Fla.
 Westfield, N. J.
 Charleston, W. Va.
 Marion, O.
 Brooklyn, N. Y.
 Durham, N. C.
 Great Neck, N. Y.
 Glen Alpine, N. C.
 Jonesboro, Ark.
 Durham, N. C.
 Jackson Heights, N. Y.
 Oil City, Pa.
 Brooklyn, N. Y.
 Ft. Bragg, N. C.
 Kinston, N. C.
 Woodbury, N. J.
 Durham, N. C.
 Newton, N. C.
 Catawba, N. C.
 Durham, N. C.
 Shelby, N. C.
 Pittsburgh, Pa.
 Selma, O.
 Washington, D. C.
 Wilkinsburg, Pa.
 Gibson, N. C.
 Danville, Va.
 Goldsboro, N. C.
 Jersey City, N. J.
 Durham, N. C.
 Durham, N. C.
 Catasauqua, Pa.
 Durham, N. C.
 Bethesda, Md.
 Forest Hills, L. I., N. Y.
 Jersey City, N. J.
 Plainfield, N. J.
 Durham, N. C.
 South Orange, N. J.
 Largo, Fla.
 Upper Darby, Pa.
 Durham, N. C.
 Pittsburgh, Pa.
 Brooklyn, N. Y.
 Winnetka, Ill.

Nevius, Eleanor	Monmouth Junction, N. J.
Newlin, Charlotte Case	Daytona Beach, Fla.
Newlin, Lorraine Case	Daytona Beach, Fla.
Ondek, Olga Othelia	Pittsburgh, Pa.
Osterhoudt, Marjorie Altanah	Kingston, N. Y.
Overman, Mary Alice	High Point, N. C.
Paradies, Evelyn Gloria	Atlanta, Ga.
Pardo, Leonor Elizabeth	Havana, Cuba
Parrott, Leone Hines	Kinston, N. C.
Pearce, Mary Angie	Durham, N. C.
Perkins, Martha Shannon	Louisville, Ky.
Pierce, Martha Elizabeth	Indiana, Pa.
Pittard, Lucille Virginia	Clarksville, Va.
Plyler, Grace	Durham, N. C.
Porcher, Katherine Byrnina	Coca, Fla.
Post, Emily Jeannette	Shelby, N. C.
Pratt, Doris Isabel	Leaksville, N. C.
Rankin, Minnie McCorkle	Concord, N. C.
Raper, Nancy Louise	Lexington, N. C.
Raup, Margaret Anne	Richmond, Va.
Rauschenberg, Ann Pope	Atlanta, Ga.
Reed, Dorothy Augusta	Roxbury, Me.
Ricks, Mary Lela	Whitakers, N. C.
Rogers, Evelyn Still	Richmond, Va.
Rohrer, Helen Louise	Hagerstown, Md.
Roper, Alice Rebecca	Winter Garden, Fla.
Roseman, Mary Jane	Philadelphia, Pa.
Ryan, Laurette Alice	Rumson, N. J.
Sackett, Jeanne Connable	Shaker Heights, O.
Sarmiento, Marie Trinidad	Saugerties, N. Y.
Schiffer, Eileen Anna	Rye, N. Y.
Schomaker, Dorothy Anna	Pearl River, N. Y.
Scott, Sara Elizabeth	Wellesley Hills, Mass.
Scudder, Harriet Ellen	Hyannis, Mass.
Seawell, Anne Lea	Winder, Ga.
Secrest, Lillian Asbury	Monroe, N. C.
Simmons, Jessie Steele	Rockingham, N. C.
Smith, Marjorie Frances	Cotuit, Mass.
Smith, Mary Ella	Florence, S. C.
Sommers, Suzanne	Maplewood, N. J.
Speed, Doris Eugenia	Durham, N. C.
Spence, Mary Virginia	Raleigh, N. C.
Sprinkle, Betty Alliene	Indiana, Pa.
Sprau, Sara Ellen	Louisville, Ky.
Stamets, Grace	Avalon, Pa.
Standard, Arlene Elizabeth	Brooklyn, N. Y.
Stannert, Betsy Ann Jobyna	Oaklyn, N. J.
Stites, Jessie Parkes	Louisville, Ky.
Strong, Mary Rankin	New Rochelle, N. Y.
Sundholm, Alma Edwina	Brooklyn, N. Y.
Sutton, Theresa Dale	Penn's Grove, N. J.
Sykes, Anne	Queens Village, N. Y.
Szepesi, Jean Kester	Scarsdale, N. Y.
Tabakin, Florence	Norfolk, Va.
Taylor, Dorothy Hazel	Wilmington, Del.
Thomas, Hope Arishia	Biglerville, Pa.
Thompson, Diana	Reidsville, N. C.
Tilley, Miriam Estelle	Raleigh, N. C.
Todd, Julia Beall	New York, N. Y.

Toppin, Bertha Emma
 Underwood, Margaret Payne
 Van Sciver, Evelyn Mae
 Wagner, Ruth Esther
 Waite, Mary Margaret
 Wallace, Ann Elizabeth
 Ward, Margaret Mary
 Ware, Kathryn Byrne
 Warner, Pauline Russell
 Webb, Annie Ruffin
 Webb, Nancy Boyer
 Weintz, Edith Mary
 Welsh, Beth
 Wertz, Doris Elise
 Whiddon, Clyde Lee
 White, Sallie Falkener
 Wilby, Alma Elizabeth
 Wilkinson, Margaret Louise
 Williams, Margaret Walker
 Womble, Edith
 Worsham, Margaret Louise
 Yarbrough, Mary Jennelle
 Yon, Betty
 Young, Jessamine Wallace
 Young, Mary Enid
 Young, Mildred Louise
 Zimmerman, Betty Mae

Atlantic City, N. J.
 Durham, N. C.
 Camden, N. J.
 Chestnut Hill, Pa.
 Durham, N. C.
 Charlotte, N. C.
 Whitestone, N. Y.
 Falls Church, Va.
 Great Neck, N. Y.
 Hillsboro, N. C.
 Greenwich, Conn.
 Austinville, Va.
 Rockford, Ill.
 Hagerstown, Md.
 Fort Pierce, Fla.
 New Rochelle, N. Y.
 Atlanta, Ga.
 Durham, N. C.
 Max Meadows, Va.
 Winston-Salem, N. C.
 Chattanooga, Tenn.
 Atlanta, Ga.
 Atlanta, Ga.
 Ashland, Ky.
 Scarsdale, N. Y.
 Lititz, Pa.
 Pittsburgh, Pa.

SOPHOMORE CLASS

Abernethy, Wray Beatrice
 Adams, Gwendolyn Hooge
 Alden, Priscilla
 Allin, Elizabeth Frances
 Arthur, Sara Michaux
 Baker, Louise
 Ball, Elizabeth Louise
 Bariscillo, Virginia Ann
 Barnes, Dorothy Dyer
 Barnhill, Lola Louise
 Barrett, Mary Dean
 Barrow, Mary Rebecca
 Baskerville, Dorothy Frances
 Batchelder, Irene Julia
 Belvin, Eleanor Prudence
 Bennett, Mary Agnes
 Biddle, Mary Duke
 Bobbitt, Mildred Heavlin
 Bothwell, Ludie Mae
 Brandon, Minnie Elliott
 Braznell, Mary Jane
 Breedlove, Susan Caroline
 Briggs, Frances Markham
 Brooks, Frances Ellis
 Brown, Betty Jean
 Brown, Kathleen Maidee
 Brugh, Louise Elizabeth
 Burgess, Lucille
 Butt, Dorothy Eloise
 Campbell, Martha

Durham, N. C.
 Martinsburg, W. Va.
 New York, N. Y.
 Fort Bragg, N. C.
 Zanesville, O.
 Concord, N. H.
 Maplewood, N. J.
 Asbury Park, N. J.
 Charleston, W. Va.
 Wilmington, Del.
 Stamford, Conn.
 Zebulon, N. C.
 Lutherville, Md.
 St. Petersburg, Fla.
 Durham, N. C.
 Babson Park, Fla.
 Durham, N. C.
 Durham, N. C.
 Hickory, N. C.
 Blackstone, Va.
 Miami Beach, Fla.
 Durham, N. C.
 Durham, N. C.
 Warsaw, N. C.
 Blanchester, O.
 South Orange, N. J.
 Montgomery, W. Va.
 Summit, N. J.
 Brooklyn, N. Y.
 Bradenton, Fla.

Carpenter, Ruth Moore
 Carver, Elizabeth
 Cavins, Ida Miriam
 Chason, Virginia
 Chubb, Katherine Taft
 Church, Elizabeth
 Clay, Mary Drew
 Cooley, Erma Leone
 Costigan, Carroll
 Crawford, Mary Virginia
 Creery, Dorothy Helen
 Crocker, Martha Elisabeth
 Cross, Sarah Frances
 Crowder, Margaret Macon
 Curtis, Evelyn
 Davis, Elizabeth Hale
 DeHuff, Catherine Agnes
 Deutsch, Muriel Joan
 Down, Martha Jane
 Earle, Elizabeth Elsie
 Edwards, Roberta Clyde
 Elmiger, Marguerite
 Emery, Elizabeth Stewart
 Erion, Mary Elizabeth
 Finger, Margaret Louise
 Fisher, Dorothy Carson
 Fleet, Gertrude
 Fletcher, Grace Elizabeth
 Fraser, Ethel Jean
 Fraser, Louise Wright
 Fuller, Elizabeth Carter
 Gager, Rachel Clark
 Garrard, Ruth Camille
 Garrison, Eloise
 Gibson, Lillian Mai
 Gillin, Hazelle Delano
 Goodale, Helen Lingo
 Goree, Mary Louise
 Gorton, Jeanne Sheridan
 Groves, Carolyn Falconer
 Hardin, Hilliard Frances
 Harrison, Dorris
 Haskell, Ruth Sanborn
 Hatcher, Elizabeth
 Hawkins, Jane Northcutt
 Henry, Dorothy Kathleen
 Hickman, Elizabeth Dula
 Hinshaw, Esther Aileen
 Hooker, Elizabeth Virginia
 Horsting, Jane Ellen
 Howard, Constance Carline
 Howell, Jean
 Jackson, Clarinda Jean
 Jelks, Ellie Elizabeth
 John, Helene
 Johnson, Kathryn Eloise
 Jones, Margaret Louise
 Kelley, Jane
 Kenney, Helene Catherine

Garden City, N. Y.
 Rougemont, N. C.
 Bloomington, Ill.
 Elizabeth, N. J.
 Washington, D. C.
 Meriden, Conn.
 Macon, Ga.
 Frenchtown, N. J.
 Bloomington, Ill.
 Flushing, L. I., N. Y.
 Drexel Hill, Pa.
 Tulsa, Okla.
 Isabella, Tenn.
 Raleigh, N. C.
 Hawthorne, N. J.
 Baltimore, Md.
 Cynwyd, Pa.
 New York, N. Y.
 Pleasant Ridge, Mich.
 Hermansville, Mich.
 Durham, N. C.
 Bayonne, N. J.
 Sanford, Me.
 Orchard Park, N. Y.
 Maiden, N. C.
 Drexel Hill, Pa.
 Winter Haven, Fla.
 Durham, N. C.
 Brooklyn, N. Y.
 Fort Bragg, N. C.
 Washington, D. C.
 Granby, Conn.
 Durham, N. C.
 Durham, N. C.
 Elizabeth, N. J.
 Bangor, Me.
 Jacksonville, Fla.
 Chattanooga, Tenn.
 Great Neck, N. Y.
 Washington, D. C.
 Clover, S. C.
 Crosswicks, N. J.
 Washington, D. C.
 High Point, N. C.
 Marietta, Ga.
 Atlanta, Ga.
 Hudson, N. C.
 Winston-Salem, N. C.
 Durham, N. C.
 Wilmette, Ill.
 Forest Hills, N. Y.
 Atlanta, Ga.
 St. Augustine, Fla.
 Jacksonville, Fla.
 Uniontown, Pa.
 Glen Burnie, Md.
 Durham, N. C.
 Washington, D. C.
 Ridgewood, N. J.

- Kilduff, Barbara Elizabeth
 Klemm, Betty
 Knight, Ann Seymour
 Koch, Gretchen Arline
 Koehnlein, Betty
 Kouwenhoven, Jean
 Krummel, Mary Eleanor
 Kurtzmann, Beverly Lorraine
 Laprade, Nancy Elizabeth
 Lavenstein, Esther Mildred
 Leon, Virginia Naomi
 Levitt, Helen Bernice
 Liverant, Freda Helen
 Livingston, Ruth Bertha
 Longworth, Roberta Jean
 Lutz, Ethel Elizabeth
 MacClements, Mary Helen
 McClenny, Marguerite Elizabeth
 Macdonald, Jeanne Frances
 McGinnis, Madeline
 MacLeod, Betsy Kennedy
 MacMullen, Miriam
 Magraw, Mary Maxwell
 Manville, Ruth Virginia
 Margolis, Kathryn
 Marks, Laura Geneva
 Marlatt, Mary Elizabeth
 Marshall, Betty Jane
 Martin, Katherine, Mary
 Marx, Gloria Helene
 Matheson, Emily Lucile
 Maule, June
 Miller, Dorothy Reed
 Milliette, Jeanne
 Millner, Ione Elizabeth
 Mizell, Louise McDavid
 Moreton, Jeannette Estelle
 Oak, Eleanor
 Oliver, Ann
 Ord, Jean Sanders
 Osburn, Mary Kathryn
 Park, Marion Yancey
 Patrick, Patricia
 Patterson, Anna Mildred
 Pedeflous, Marie-Louise
 Peebles, Emilie Virginia
 Pennell, Elizabeth Patricia
 Perdue, Maxine Roberta
 Peters, Maragret Haile
 Phillips, Susan Latimore
 Pickens, Helen Speed
 Porter, Anna Mae
 Powell, Dorothy Jean
 Prosser, Ethel Josephine
 Puckett, Nell Hinson
 Raine, Katherine Zahniser
 Rawdon, Janet
 Rescorla, Betty
 Rettew, Janet Pierce
 Waterbury, Conn.
 Bloomington, Ill.
 Jacksonville, Fla.
 Pittsburgh, Pa.
 Kenmore, N. Y.
 Scarsdale, N. Y.
 Durham, N. C.
 Maplewood, N. J.
 Durham, N. C.
 Petersburg, Va.
 Westfield, N. J.
 Petersburg, Va.
 York, Pa.
 Philadelphia, Pa.
 Copperhill, Tenn.
 Ridgewood, N. J.
 Charlotte, N. C.
 Durham, N. C.
 Bloomfield Hills, Mich.
 Montclair, N. J.
 Buffalo, N. Y.
 Maplewood, N. J.
 Carlsbad, N. M.
 Tryon, N. C.
 Passaic, N. J.
 Sanford, N. C.
 Larchmont, N. Y.
 Hendersonville, N. C.
 New York, N. Y.
 River Edge, N. J.
 Hartwell, Ga.
 Miami Beach, Fla.
 Wilmington, N. C.
 Drexel Hill, Pa.
 New Rochelle, N. Y.
 App, Ala.
 Erie, Pa.
 Bound Brook, N. J.
 Westfield, N. J.
 McKeesport, Pa.
 Du Bois, Pa.
 Leland, Miss.
 Mount Washington, Md.
 Durham, N. C.
 Plainfield, N. J.
 Chevy Chase, Md.
 Fort Bragg, N. C.
 Canton, O.
 Jacksonville, Fla.
 Chattanooga, Tenn.
 Washington, D. C.
 Greensboro, Md.
 Detroit, Mich.
 St. Michael, Pa.
 Charlotte, N. C.
 Rainelle, W. Va.
 Oberlin, O.
 Wilkes-Barre, Pa.
 Harrisburg, Pa.

Rieger, Vivian
 Robertson, Sally Keith
 Roche, Helen Elizabeth
 Roe, Jane Elizabeth
 Rosch, Beatrice
 Ruark, Frances Ione
 Saleeby, Helen
 Scarboro, Alice Nelle
 Schaefer, Martha
 Scharff, Carolyn May
 Schoenberger, Ruth Isobel
 Scott, Ruth Eleanor
 Sewall, Elizabeth Carolyn
 Sexton, Edna Earle
 Shortlidge, Elizabeth Nieweg
 Shuford, Betty Lindsay
 Simmons, Ruth Virginia
 Smith, Ellen
 Smith, Helen Baxter
 Smith, Maryln Ruth
 Smith, Pauline Raymond
 Smith, Virginia Bryce
 Smith, Virginia Elizabeth
 Smither, Lucy Gray
 Snider, Jean Elizabeth
 Sollod, Lenora Bernice
 Southworth, June Anne
 Stine, Doris Gwendolyn
 Stokes, Frances Eleanor
 Stone, Dorothy Haines
 Storb, Mary
 Tabor, Wilma Countess
 Taylor, Priscilla Marguerite
 Tepper, Ruth Elise
 Thompson, Mary Claire
 Thoms, Joan Louise
 Utley, Frances
 Vantine, Ora Jean
 Wallace, Jean Loretta
 Webb, Jeanette Margaret
 Weischer, Virginia
 Weller, Mary Elizabeth
 Whitaker, Elizabeth Anne
 Wichum, Carolyn Georgene
 Wilkins, Dorothy Barnum
 Williams, Martha Jane
 Wilson, Helen Hall
 Winston, Kennon Wren
 Winters, Jane
 Wolford, Isabelle Hamlin
 Womble, Olivia
 Woodard, Mary Elizabeth
 Woods, Lydia Annis
 Wright, Florence Margaret
 Wriston, Muriel Lincoln
 Zecher, Dorothea May
 Ziegler, Anna Mae
 Zuckerman, Ethel Mae
 Staten Island, N. Y.
 South Norwalk, Conn.
 Norfolk, Va.
 Moundsville, W. Va.
 White Plains, N. Y.
 Park Ridge, Ill.
 Monroe, N. C.
 Kannapolis, N. C.
 Nutley, N. J.
 Macon, Ga.
 Lawrenceville, N. J.
 Waynesburg, Pa.
 York Village, Me.
 Zebulon, N. C.
 Lincoln University, Pa.
 Conover, N. C.
 Wilmington, Del.
 York, Pa.
 Virginia Beach, Va.
 Shelby, N. C.
 Phillipsburg, N. J.
 Baldwin, N. Y.
 Meridian, Miss.
 Winston-Salem, N. C.
 Meyersdale, Pa.
 Petersburg, Va.
 Edgewater Post Office, Md.
 Hagerstown, Md.
 Mountville, S. C.
 Biddeford, Me.
 New Holland, Pa.
 Boissevain, Va.
 Fairfield, Conn.
 Baltimore, Md.
 Miami Beach, Fla.
 Hawthorne, N. J.
 Whitefish Bay, Wis.
 Great Falls, S. C.
 Newark, N. J.
 Ridgewood, N. J.
 Montrose, N. Y.
 Pittsburgh, Pa.
 Indianapolis, Ind.
 Brooklyn, N. Y.
 Rockville Center, L. I., N. Y.
 Easton, Pa.
 Beaver, Pa.
 Minneapolis, Minn.
 Greenwich, Conn.
 Elizabeth, N. J.
 Winston-Salem, N. C.
 Wilson, N. C.
 Durham, N. C.
 Orangeburg, S. C.
 Albany, N. Y.
 Lebanon, Pa.
 Farmer City, Ill.
 Durham, N. C.

JUNIOR CLASS

Abels, Betty Jo	High Point, N. C.
Adams, Margaret Louise	Esterly, Pa.
Aitken, Lois Ethel	South Orange, N. J.
Alphin, Ann Marie	El Dorado, Ark.
Anderson, Mary	New Bern, N. C.
Ashworth, Geraldine	Bluefield, W. Va.
Auld, Fan	Charleston, W. Va.
Baggs, Genevieve Clem	Newark, O.
Barnwell, Pauline Lee	Atlanta, Ga.
Beall, Patricia	Fort Wayne, Ind.
Beebe, Estella Thomson	Lewes, Del.
Bell, Mary Clarke	Greensburg, Pa.
Bender, Mary Charlotte	Lititz, Pa.
Benton, Doris Annette	Freemont, N. C.
Bierstein, Marie Therese	Shenandoah, Pa.
Bishop, Martha Coleman	Sanford, Fla.
Bishop, Virginia Eleanor	Vineland, N. J.
Blair, Barbara Wilson	Monmouth, Ill.
Bliss, Joan	Nashville, Tenn.
Bogert, Elizabeth Jane	Ridgewood, N. J.
Braznell, Virginia Marie	Miami Beach, Fla.
Buell, Marion Blossom	Rochester, N. Y.
Buffington, Mary Adelaide	Berkshire, N. Y.
Bunch, Anne Jeanne	Statesville, N. C.
Burgess, Ellen Knowles	Worcester, Mass.
Bussey, Mary Whitmell	West Palm Beach, Fla.
Campbell, Jean Edith	Douglaston, L. I., N. Y.
Carter, Mary Elizabeth	New York, N. Y.
Caton, Mary Beth	Bluefield, W. Va.
Clarke, Erin O'Neal	Macon, Ga.
Cockrell, Margaret Helen	Detroit, Mich.
Cockrell, Nancy Steele	Evanston, Ill.
Coffman, Julia Gray	Clarksburg, W. Va.
Conningham, Barbara Jane	Honolulu, T. H.
Cope, Jane Hissem	McKeesport, Pa.
Council, Mary Frances	Durham, N. C.
Couse, Ruth Knight	Baltimore, Md.
Daniel, Annie Whitty	Durham, N. C.
Davenport, Bybe Rogers	Nashville, N. C.
Davis, Pauline Nichols	Roanoke, Va.
Davison, Zenora	Chattanooga, Tenn.
DeCamp, Mary Jean	Clarksburg, W. Va.
Diamond, Shirley Gladys	Jamaica, L. I., N. Y.
Dick, Dorothy Anita	Copperhill, Tenn.
Dickerson, Jean Elaine	Schenectady, N. Y.
Dipman, Jean Frances	Upper Montclair, N. J.
Dives, Ann Augustine	Shillington, Pa.
Dusenbury, Jane Elizabeth	Miami, Fla.
East, Jane	East Orange, N. J.
Ellis, Erlene Rebecca	York, Pa.
Emerson, Dorothy Elizabeth	Atlanta, Ga.
Eppleman, Margaret Carolyn	Gloucester, N. J.
Espenschied, Faye Josephine	Chevy Chase, Md.
Evans, Hazel Lenetta	Philadelphia, Pa.
Fields, Alice Carr	La Grange, N. C.
Fite, Jane Rankin	Jasper, Ala.
Ford, Nancy Jo	Asheville, N. C.
Forness, Mary Cameron	Drexel Hill, Pa.

Fraser, Elizabeth Ann
Fulton, Mary Virginia
Garrison, Evelyn
Gassaway, Lucy James
Gibbons, Elizabeth Stott
Gibson, Patria Blayne
Gilbert, Betty Gene
Globman, Claire
Grainger, Rachel Virginia
Grant, Mary Jean
Gray, Betty Claire
Greenwood, Winifred Turner
Griffin, Mary Virginia
Gunn, Jane Adair
Hahn, Frances Elaine
Hardesty, Dora Virginia
Hardy, Johnnie Mae
Harris, Teresa Marcia
Hayes, Mary Alice
Hayward, Doris Virginia
Heath, Stella Heartsfield
Herndon, Nannie Mae
Herrmann, Ruth
Heyward, Mary Anne
Hicks, Norma Ellen
Hill, Dora
Holden, Charlotte Louise
Holland, Mary Brent
Hollmeyer, Anne
Holly, Helen Kathrine
Holt, Betty Bartlett
Huffman, Dorothy Elizabeth
Huggins, Mary Delaplane
Hughes, Ann Miriam
Hungate, Elisabeth Ward
Huntington, Eleanor Gertrude
Idema, Mary Louise
Ivey, Jane Capus
Jenkins, Barbara Jane
Jennings, Betty Claire
Johnson, Mabel Beaumont
Jones, Emily Elizabeth
Jones, Virginia Griffith
Josephs, Frances
Kelleher, Ruth Margaret
Kern, Jean Russ
King, Annie Ruth
Kirkpatrick, Frances Hilda
Kirkwood, Merle
Klemme, Evelyn Ruth
Krampf, Isabelle Mary
Larsen, Doris Vivian
Lawrance, Mary Anna
Ledbetter, Martha Elizabeth
Leslie, Helen Isabel
Little, Lena Edwards
Littlejohn, Ethel Thompson
Love, Jane
Lundy, Eleanor Ann
Fort Bragg, N. C.
Roanoke, Va.
Durham, N. C.
Nashville, N. C.
Wilson, N. C.
Arlington, Va.
Chattanooga, Tenn.
Martinsville, Va.
Cynwyd, Pa.
Asheville, N. C.
Gastonia, N. C.
Portland, Me.
Baltimore, Md.
Belleville, Ill.
Toledo, O.
Fairmont, W. Va.
Gulfpport, Miss.
Dover, N. J.
Wilmette, Ill.
Delanco, N. J.
Kinston, N. C.
Durham, N. C.
Baltimore, Md.
Asheville, N. C.
Augusta, Ga.
Cuthbert, Ga.
High Point, N. C.
New Bern, N. C.
Mountain Lakes, N. J.
Harrisburg, Pa.
Wayland, Mass.
Asheville, N. C.
Hillsboro, O.
Foxboro, Mass.
Sterling, Ill.
Rutherford, N. J.
Grand Rapids, Mich.
Concord, N. C.
Scranton, Pa.
Thomasville, N. C.
Whiteville, N. C.
New Bern, N. C.
Wheeling, W. Va.
Chattanooga, Tenn.
Haddon Heights, N. J.
Washington, D. C.
St. Pauls, N. C.
Salisbury, N. C.
Hattiesburg, Miss.
Belleville, Ill.
Drexel Hill, Pa.
West Englewood, N. J.
Reading, Pa.
Rockingham, N. C.
Woodmont, Conn.
Laurel, Md.
Leesburg, Va.
Washington, D. C.
Troy, N. Y.

- McAdams, Grace Eloise
 McBride, Louise Glenn
 MacBride, Lucy Dennett
 McCauley, Jeanne Yvonne
 McCluskey, Mary Louise
 McComb, Martyne Louise
 Mangum, Doris Cozart
 March, Margaret Ann
 Mathes, Dorothy Hannah
 Maultsby, Kathleen McKay
 Meiklejohn, Louisa Alma
 Miller, Charlotte Frances
 Miller, Dorothy Elizabeth
 Miller, Ruth Frances
 Minor, Ruth Henrietta
 Molloy, Margaret Rush
 Moneyhun, Ariel
 Moody, Marjorie
 Moore, Jane Elizabeth
 Morton, Margaret
 Nelson, Phyllis Marjorie
 Newsom, Mary Toms
 Nuckols, Kathleen Eleanor
 Oppen, Nellie-Anna
 Ormond, Margaret
 Osgood, Jenifer Davies
 Pace, Martha Young
 Parker, Ruth Isabella
 Parker, Sarah Anne
 Parks, Helen Clare
 Patrick, Virginia Mary
 Peters, Grace Lorraine
 Phillips, Dorothy Leigh
 Porter, Marion Elizabeth
 Potter, Gertrude Willard
 Price, Margaret Mathilde
 Privett, Leonora
 Pyle, Betty
 Ramsaur, Edith Merrill
 Rankin, Sara Elizabeth
 Reade, Marion Elizabeth
 Salmon, Frances Wade
 Sawyer, Dorothy Louise
 Schmidt, Martha Kate
 Seeman, Nancy Renn
 Sewell, Frances Ava
 Shaw, Winifred
 Sisk, Mary Helen
 Skinner, Virginia Elizabeth
 Smith, Mary Elizabeth
 Souders, Mary Elizabeth
 Southgate, Loula McDonald
 Stallcup, Marjorie Conser
 Starke, Helen
 Stedman, Willie Ruth
 Steele, Annie Louise
 Stine, Mary Elizabeth
 Stone, Elizabeth Wylls
 Stowell, Betty Ann
 Belmont, N. C.
 Welch, W. Va.
 Nutley, N. J.
 Hagerstown, Md.
 Wheeling, W. Va.
 Bluemont, Va.
 Rougemont, N. C.
 Mobile, Ala.
 Upper Montclair, N. J.
 Durham, N. C.
 Cheraw, S. C.
 Miami, Fla.
 Bethlehem, Pa.
 Newburgh, N. Y.
 Batavia, N. Y.
 Ivyland, Pa.
 Johnson City, Tenn.
 Shreveport, La.
 Birmingham, Ala.
 Charleston, W. Va.
 Brooklyn, N. Y.
 Durham, N. C.
 Cumberland, Va.
 New Rochelle, N. Y.
 Durham, N. C.
 Ocean Grove, N. J.
 Wilkes-Barre, Pa.
 Rockingham, N. C.
 Vineland, N. J.
 Roanoke, Va.
 Mount Washington, Md.
 Leighton, Pa.
 Charlotte, N. C.
 Durham, N. C.
 Evanston, Ill.
 Ridgewood, N. J.
 Tyler, Ala.
 Grand Rapids, Mich.
 Jacksonville, Fla.
 Gastonia, N. C.
 Durham, N. C.
 Pasay, Rizal, P. I.
 Kneosha, Wis.
 Louisville, Ky.
 Durham, N. C.
 Atlanta, Ga.
 Chattanooga, Tenn.
 Waynesville, N. C.
 Durham, N. C.
 Chattanooga, Tenn.
 Fayetteville, N. C.
 Durham, N. C.
 St. Petersburg, Fla.
 Ridgewood, N. J.
 Moncure, N. C.
 Rockingham, N. C.
 Wilmington, Del.
 Arlington, Va.
 Philadelphia, Pa.

Strauss, Carol Marie
 Stutson, Irene Rose
 Sultner, Sarah Isabel
 Suplee, Ruth
 Teer, Mary Elizabeth
 Thompson, Catherine
 Tice, Mary Pauline
 Tobey, Elizabeth Crispell
 Townsend, Roberta
 Walker, Marion
 Wann, Mary Gene
 Wannamaker, Louise Gelzer
 Watson, Sarah Ann
 Whitaker, Ruth Lenore
 White, Margaret Beveridge
 Widgery, Rhoda
 Wiley, Avis Elizabeth
 Wilkerson, Dorothy Earle
 Willis, Annie Cecile
 Windsor, Kathryn Lucille
 Winston, Marjorie
 Witte, Patricia Marion
 Woolfolk, Elizabeth Lamb
 Wright, Margery Walker
 Wynne, Marjorie Gray
 Young, Jeanne Elizabeth
 Zerbach, Dorothy Ione

Winston-Salem, N. C.
 Suffolk, Va.
 York, Pa.
 Narberth, Pa.
 Durham, N. C.
 Graham, N. C.
 Bethlehem, Pa.
 Hackensack, N. J.
 Staten Island, N. Y.
 Newport, N. C.
 Terre Haute, Ind.
 Durham, N. C.
 Cheraw, S. C.
 Dravosburg, Pa.
 Ridgewood, N. J.
 Durham, N. C.
 Sharon, Conn.
 Durham, N. C.
 Daytona Beach, Fla.
 Reidsville, N. C.
 Roanoke, Va.
 Rahway, N. J.
 Staunton, Va.
 Clarksburg, W. Va.
 Petersburg, Va.
 Cleveland, O.
 Rocky Mount, N. C.

SENIOR CLASS

Adams, Dorothy Ann
 Adams, Ellen O'Neal
 Adams, Ruth Mildred
 Akin, Sarah Elizabeth
 Allaire, Constance
 Anderson, Marie Willard
 Andrus, Nonia Elizabeth
 Armstrong, Mina Gary
 Auld, Mary
 Bagley, Mariana Dosch
 Farnhardt, Nell Virginia
 Bassett, Floy Paula
 Beebe, Jean Kirkland
 Boyd, Anna Locke
 Brinn, Sara Elanora
 Broughton, Katherine
 Brown, Jean Fontaine
 Burger, Josephine Terry
 Bussell, Wilsie Florence
 Bynum, Eva Page
 Byrn, Mary Lalla
 Carrigan, Margaret Helen
 Chapman, Lucy Lake
 Chapman, Mary Westbrook
 Childs, Frances
 Clarke, Claire Belle
 Cline, Gwendolyn
 Coffey, Marion Elizabeth
 Cole, Dorothy Proctor
 Connell, Margaret Norvell

Wilkes-Barre, Pa.
 Macon, Ga.
 Esterly, Pa.
 Detroit, Mich.
 Little Rock, Ark.
 Jacksonville, Fla.
 Columbus, O.
 Selma, Ala.
 Charleston, W. Va.
 Norfolk, Va.
 Charlotte, N. C.
 New York, N. Y.
 Lewes, Del.
 Jacksonville, Fla.
 Hertford, N. C.
 Hertford, N. C.
 Fort Benning, Ga.
 Baltimore, Md.
 Durham, N. C.
 Rockingham, N. C.
 Mayfield, Ky.
 Jersey City, N. J.
 Richmond, Va.
 Durham, N. C.
 Durham, N. C.
 New York, N. Y.
 Charlotte, N. C.
 North Tarrytown, N. Y.
 Durham, N. C.
 Charleston, W. Va.

- Coppedge, Eleanor Browne
 Craven, Isobel
 Crum, Emilie Wannamaker
 Culbertson, Martha Jane
 Daniel, Barbara
 Davis, Dorothy Ames
 Day, Donna Margaret
 Day, Doris Maude
 Dewey, Marguerite DeVane
 Draughon, Rosa Lee
 Duckett, Sara Brock
 Duehring, Frederica Elizabeth
 Duehring, Virginia Atwell
 Edwards, Frances Willett
 Edwards, Margery
 Ellerson, Elizabeth Carmichael
 Ellis, Margaret Aileen
 Faires, Ethel Elizabeth
 Flanagan, Helen Harriet
 Flanagan, Ruby Kathleen
 Fraser, Hortense Mabelle
 Gantt, Hazel Ann
 Garmon, Esther Elizabeth
 Gates, Anita
 Gates, Martha Virginia
 Gladstein, Hazel Leona
 Goddard, Marjorie
 Graeter, Annadale
 Graham, Bessie
 Green, Eleanore
 Grow, Virginia Maxine
 Gwin, Anne
 Harris, Mary Trapp
 Henson, Frances
 Hessick, Lucile May
 Hocker, Blanche Cozatt
 Hughey, Mattilee Nicholson
 Hunt, Elizabeth Ann
 Izzard, Anne Rebecca
 Johnson, Irma Lee
 Johnston, Elizabeth Anne
 Jones, Ethel Hope
 Kiker, Marion Joanna
 Kincheloe, Mary Lou
 Kirkpatrick, Catherine
 Knight, Agnes Estelle
 Koehler, Grace-George
 Kueffner, Charlotte Margaret
 Laing, Bess
 Lane, Eleanor Elizabeth
 Larzelere, Helen Claire
 Leach, Dorothy Elizabeth
 Lienbach, Emeline
 Lentz, Beth
 Lewis, Frances Cofer
 Lindsay, Frances Gordon
 Lins, Harriet Jane
 Lytle, Virginia
 McCowan, Jean Elmora
 Cleveland Heights, O.
 Lexington, N. C.
 Orangeburg, S. C.
 Covington, Ky.
 Claxton, Ga.
 Vanceboro, N. C.
 Bradenton, Fla.
 Bradenton, Fla.
 Goldsboro, N. C.
 Durham, N. C.
 Charlotte, N. C.
 Washington, D. C.
 Washington, D. C.
 Miami, Fla.
 Greensboro, N. C.
 Hot Springs, N. C.
 Rutherford, N. J.
 Drexel Hill, Pa.
 Rockville Center, N. Y.
 Lynchburg, Va.
 Elizabeth, N. J.
 Durham, N. C.
 Charlotte, N. C.
 Laredo, Texas
 Macon, Ga.
 Durham, N. C.
 Brooklyn, N. Y.
 Richmond, Va.
 West Palm Beach, Fla.
 Pleasantville, N. J.
 Lebanon, N. H.
 Natchez, Miss.
 Cuthbert, Ga.
 Rahway, N. J.
 Washington, D. C.
 Danville, Ky.
 Statesville, N. C.
 Philadelphia, Pa.
 Durham, N. C.
 Washington, D. C.
 Doylestown, Pa.
 Chilhowie, Va.
 Reidsville, N. C.
 Clarksburg, W. Va.
 Salisbury, N. C.
 Durham, N. C.
 Fort Slocum, N. Y.
 Durham, N. C.
 Charleston, W. Va.
 Staten Island, N. Y.
 Jacksonville, Fla.
 New York, N. Y.
 Watsonstown, Pa.
 Albemarle, N. C.
 Norfolk, Va.
 High Point, N. C.
 Bradenton, Fla.
 Jacksonville, Fla.
 New York, N. Y.

MacNutt, Doris Friend
 Markham, Charlotte
 Marshall, Charlotte Amelia
 Mayes, Eleanor
 Merrill, Frances
 Michler, Ruth
 Millar, Mary Gertrude
 Miller, Jean Marion
 Miller, Virginia Evelyn
 Montague, Kathryn Louise
 Moore, Mary Barrow
 Newcomb, Virginia Elliott
 Nicholson, Mariana
 Nolde, Althea
 Ould, Dorothy Sue
 Parker, Tekla
 Pate, Nancy Lee
 Patterson, Carroll
 Patterson, Eleonora Louise
 Peterson, Anita Frances
 Phillips, Helen Frances
 Pippen, Jean Ann
 Pollard, Betty Frances
 Poole, Helen
 Porter, Aline
 Powell, Elizabeth Randolph Preston
 Ranson, Alma Lloyd
 Rauschenberg, Lucy Seitz
 Rea, Ruth
 Redfern, Virginia Stuart
 Reeves, Virginia
 Reichert, Elizabeth Walton Bowen
 Reist, Anne Louise
 Rich, Helen Barbara
 Richey, Virginia Barmore
 Riley, Elizabeth Covington
 Ritchie, Camilla Jane
 Roberson, Helen Longworth
 Rogan, Edna Carlton
 Sally, Hilda
 Sasscer, Elizabeth Anne
 Schaffle, Evalyn
 Seymour, Dorothy Hall
 Sharp, Annie Hill
 Sidbury, Julia Rowena
 Siehler, Charlotte
 Small, Elizabeth Fletcher
 Smith, Frances Carrell
 Smith, Franchelle
 Smith, Helen Fraser
 Snook, Edith Louisa
 Stackhouse, Helen Clare
 Stallcup, Mary Jane
 Stone, Mary Elizabeth
 Strother, Edith Angeline
 Stube, Doris Joy
 Teed, Shirley Roberta
 Thompson, Frances
 Tobin, Mary Theresa

Ridgefield Park, N. J.
 Durham, N. C.
 Ashland, Pa.
 Durham, N. C.
 Charleston, W. Va.
 Easton, Pa.
 Flushing, N. Y.
 Washington, D. C.
 East Orange, N. J.
 Durham, N. C.
 Delray Beach, Fla.
 Hilton, N. Y.
 Statesville, N. C.
 New Orleans, La.
 Roanoke, Va.
 Philadelphia, Pa.
 Raleigh, N. C.
 Miami, Fla.
 Durham, N. C.
 Woodbury, N. J.
 Lexington, N. C.
 Charleston, W. Va.
 Durham, N. C.
 Troy, N. C.
 Durham, N. C.
 Shreveport, La.
 Charlotte, N. C.
 Atlanta, Ga.
 London, O.
 Monroe, N. C.
 Canton, N. C.
 Macon, Ga.
 Lancaster, Pa.
 South Orange, N. J.
 Corinth, Miss.
 Durham, N. C.
 Binghampton, N. Y.
 Durham, N. C.
 Baltimore, Md.
 Durham, N. C.
 Chevy Chase, Md.
 Asheville, N. C.
 Plainville, Conn.
 Reidsville, N. C.
 Wilmington, N. C.
 Baltimore, Md.
 Wyoming, N. J.
 Easton, Pa.
 Charlotte, N. C.
 Tifton, Ga.
 Summit, N. J.
 Easton, Pa.
 St. Petersburg, Fla.
 Worcester, Mass.
 Durham, N. C.
 Niagara Falls, N. Y.
 Brooklyn, N. Y.
 Greensboro, N. C.
 Princeton, W. Va.

Toner, Aimee Leila
 Tritle, Catherine Witbeck
 Umstead, Callie Ella
 Upchurch, Kathrine Manning
 Varnes, Clara Louise
 Vickers, Mary Kilgo
 Wade, Helen
 Wagner, Anne Georgia
 Waits, Harriet Elizabeth
 Walker, Jessie Hertz
 Walker, Lucia
 Warren, Louise Cabell
 Warren, Mary Louise
 Washburn, Margaret Edyth
 Waters, Ella Harriss
 White, Katharine Elinor
 White, Margery Kathryn
 Whitmore, Ada Ward
 Wilkinson, Carol Conant
 Williams, Mildred Cordier
 Williams, Sarah Elsie
 Willis, Rebecca
 Womack, Sara Sue
 Wood, Doris
 Zecher, Margaret Ann

West Haven, Conn.
 Erie, Pa.
 Rougemont, N. C.
 Durham, N. C.
 Wilmington, Del.
 Lumberton, N. C.
 Phoenixville, Pa.
 Jamaica, N. Y.
 Andalusia, Ala.
 Harrisburg, Pa.
 Tampa, Fla.
 Chatham, Va.
 Richmond, Va.
 Hempstead, N. Y.
 Washington, N. C.
 Elizabeth, N. J.
 Jenkintown, Pa.
 Durham, N. C.
 Jamaica, N. Y.
 Greenville, Ky.
 Elizabeth City, N. C.
 Shreveport, La.
 Murfreesboro, Tenn.
 Mt. Morris, N. Y.
 Lebanon, Pa.

SPECIAL STUDENTS

Apperson, Mildred
 Blue, Katharine
 Boney, Victoria
 Bundick, Clothilde Charlotta
 Callahan, Mary Elizabeth
 Chapman, Eleanor Sommers
 Christenson, Frances Bond
 Cousins, Mattie Gray
 Everett, Ardean
 Ewald, Rose
 Grant, Isa Costen
 Grant, Malene Elizabeth
 Hall, Christine
 Hime, Lillian
 Johnson, Eddie Hyacinth
 Johnson, Marie Williams
 Kirkland, Phyllis Starr
 Kuykendal, Margaret
 Metzenthin, Kathleen Proctor
 Markham, Eleanor
 Moore, Elsinore Dorothy
 Shutt, Eva (teacher)
 Swartz, Rose
 Weckesser, Miriam Elizabeth

Durham, N. C.
 Durham, N. C.
 Durham, N. C.
 Pocomoke City, Md.
 Durham, N. C.
 Cleveland, O.
 Durham, N. C.
 Durham, N. C.
 Durham, N. C.
 Stuttgart, Germany
 New Bern, N. C.
 New Bern, N. C.
 Durham, N. C.
 Durham, N. C.
 Durham, N. C.
 Pembroke, Ga.
 Durham, N. C.
 Matthews, N. C.
 Chapel Hill, N. C.
 Durham, N. C.
 Melbourne, Fla.
 Durham, N. C.
 Durham, N. C.
 Durham, N. C.

THE GRADUATE SCHOOL OF ARTS AND SCIENCES

ACADEMIC YEAR, 1936-1937

Allen, Catharine Gansvoort	Albany, N. Y.
B.S. (Keuka College), Sociology, Economics.	
Altland, Paul Daniel, Jr.	York, Pa.
B.S. (Gettysburg College), A.M. (Duke), Zoology.	

- Anderson, Marcia Lee
A.B. (Bryn Mawr College), English. Durham, N. C.
- Andrews, Leslie Kearns
B.S. (North Carolina State College of Agriculture and Engineering of the University of North Carolina), Forestry, Botany. Mt. Gilead, N. C.
- Ashworth, Rufus Charles
A.B. (Duke), Education. Winter Park, Fla.
- Ayers, Archie Raymond
B.S. (University of South Carolina), Physics, Mathematics. Calhoun Falls, S. C.
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- Beck, Lewis White
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- Bird, Imogen
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- Blackwell, Henry Conrad
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- Eoggeess, William Randolph
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- Culbreth, Sarah Elizabeth
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- Cuninggim, Merrimon
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A.B. (Goucher College), A.M. (Syracuse), Zoology. Frederica, Del.
- Dick, Robert Hillyer
B.S. (Duke), Chemistry. Canton, Ga.
- Dickerson, Robert Turpin
A.B. (Duke), Physics, Electrical Engineering. Richmond, Va.
- Doty, Roy A., Jr.
A.B. (Duke), Education. Rogersville, Tenn.
- Dowling, Delphine Louise
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- Duncan, Wilbur Howard
A.B., A.M. (Indiana), Botany. Bloomington, Ind.
- Dunsky, Irvin
A.B. (University of Newark), Sociology, Economics. Newark, N. J.
- Eckard, Edwin Woodrow
A.B. (Marshall College), A.M. (Duke), Economics. Point Pleasant, W. Va.

- Eggers, Graydon Poe Boone, N. C.
 A.B. (Carson-Newman College), A.M. (Duke), English.
- Ehouse, Theodore Eliot Berryville, Va.
 A.B. (George Washington), Pharmacology.
- Eskridge, Thomas Joseph, Jr. Greenwood, S. C.
 A.B. (Emory and Henry College), A.M. (George Peabody College for Teachers),
 Education, Psychology.
- Feister, Irving Norwich, Conn.
 A.B. (Harvard), Physics, Chemistry.
- Few, Lyne Starling Durham, N. C.
 A.B. (Duke), Philosophy, Psychology.
- Fike, Cora Ruth Eglon, W. Va.
 A.B. (Bridgewater College), Mathematics.
- Firebaugh, Joseph Jesse Denver, Colo.
 A.B. (University of Colorado), English, Philosophy.
- Flora, William Sherlock Canton, Ohio
 A.B. (College of Wooster), Political Science, Economics.
- Fluegel, Edna Rose Wilkes-Barre, Pa.
 A.B. (Marywood College), A.M. (Duke), Political Science, Economics.
- Foerster, Alma Pauline Holyoke, Mass.
 A.B. (Holyoke College), A.M. (Smith College), History.
- Foster, Hazel Elisabeth Brunswick, Md.
 A.B. (Hood College), Political Science, Economics.
- Freeman, Robert Earle Taylors, S. C.
 A.B. (Furman University), A.M. (Duke), Education.
- Galloway, Charles Betts Jackson, Miss.
 B.S. (Millsaps College), A.M. (Duke), Chemistry.
- Garner, Ralph Everett Lincoln, Neb.
 A.B., A.M. (Nebraska Wesleyan), Psychology, Zoology.
- Garren, Kenneth Howard Hendersonville, N. C.
 A.B. (Duke), Botany, Zoology, Forestry.
- Garrison, John Leland Durham, N. C.
 A.B. (Duke), English.
- Gay, Roland Lafayette Wake Forest, N. C.
 B.S. (Wake Forest College), M.S. (North Carolina State College of Agriculture and
 Engineering of the University of North Carolina), Mathematics.
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- Hard, Walter Leon Coldwater, Mich.
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- Hunt, William Lanier
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- Ivey, Mary Frances
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Ligon, Edgar William, Jr. B.S. (University of Richmond), Zoology.	Richmond, Va.
Lupien, Alfred Louis B.S. (Mansfield State Teachers College), Education, Romance Languages, English.	Durham, N. C.
MacColl, Sylvia Hazelton A.B., A.M. (Smith College), Psychology.	Durham, N. C.
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Michaels, Matilda Osborne A.B. (Duke), A.M. (Columbia), Education.	McBee, S. C.
Michel, Harry Oscar B.S. (University of California), Biochemistry.	Durham, N. C.
Miller, Elizabeth Moore A.B. (Pennsylvania College for Women), English.	San Andreas, Calif.
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Moore, Eunice Martha B.S. (Maryland College for Women), A.M. (Johns Hopkins), Chemistry.	Nashville, Tenn.
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Rodgers, James Orr	Mooresville, N. C.
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Ruff, Horace Ewing	Smackover, Ark.
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Salmon, George Gilbert, Jr.	Maplewood, N. J.
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Savely, Harvey Epperson, Jr.	Houlka, Miss.
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Schlesinger, Willard Raphael	Bayside, L. I., N. Y.
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Schmitt, Donald Henry	White Plains, N. Y.
A.B. (Duke), Education, Zoology.	
Schopmeyer, Clifford Scharff	Washington, D. C.
B.S. (George Washington), M.S. (University of Maryland), Forestry, Botany.	
Scovel, Jackson	Larned, Kan.
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Searcy, Christine Quillian	Birmingham, Ala.
A.B. (Wesleyan College), English.	
Searcy, Hubert	Birmingham, Ala.
A.B. (Birmingham-Southern College), A.M. (Duke), Political Science.	
Seigler, Milledge Broadus	Batesburg, S. C.
A.B. (Furman), A.M. (Duke), English.	
Seitz, Clifford Peter	Woodside, L. I., N. Y.
A.B., A.M. (Columbia), Psychology, Biochemistry, Zoology.	
Sharp, David Gordon	Annandale, N. J.
B.S. (Rutgers), Physics, Bacteriology, Botany.	
Shutt, Thomas Samuel	Advance, N. C.
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Smart, Virginia Lee	Portsmouth, Va.
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Smith, Burke McGuire	Durham, N. C.
A.B. (Duke), Psychology.	
Smith, Rebecca	Elon College, N. C.
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Stephens, Arey Lee	Belmont, Miss.
B.S. (Millsaps College), Education, History, Romance Languages.	
Stirewalt, Martin Luther, Jr.	Salisbury, N. C.
A.B. (Lenoir-Rhyne College), A.M. (Duke), Greek, Latin.	

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- Triplett, Edna Bernadine
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- Trivette, Nell Virginia
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- Turquette, Atwell Rufus
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- Upchurch, Percy Bryant
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- Vermillion, Herbert Edward
B.S. (Monmouth College), Chemistry, Physics. Competition, Mo.
- Waite, Alex
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- Wallace, Elbert Stephen
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- Wang, Yen-chieh
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- Ward, William Smith
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- Warren, Marion
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- Watson, Karl Brantley, Jr.
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- Weatherspoon, Nell Christian
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- Weems, Benjamin Burch
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- Wharton, George Willard, Jr.
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- White, Mary Rebecca
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- Wiley, Edward Emerson, Jr.
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Williams, James Wesley	Ramseur, N. C.
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Williams, Myra Allene	Abbeville, S. C.
A.B. (Winthrop College), A.M. (University of South Carolina), Zoology, Botany.	
Williams, William Lane	Spartanburg, S. C.
B.S. (Wofford College), Zoology.	
Wilson, Flora Prevatte	Durham, N. C.
A.B., A.M. (University of North Carolina), Education.	
Wilson, John Woodrow	Durham, N. C.
B.S. (Duke), Zoology, Physics, Biochemistry.	
Wood, Gordon Reid	S. Charleston, W. Va.
A.B. (Davidson College), English.	
Woodall, John Burwell	Fayetteville, N. C.
A.B. (Duke), History, Romance Languages.	
Woodruff, Joseph Leroy	Des Moines, Iowa
A.B. (Tarkio College), Psychology.	
Woods, Margaret King	Durham, N. C.
A.B. (Duke), Education.	
Wright, James Clyde	Oakdale, Pa.
A.B. (Muskum College), Psychology, Sociology.	
Young, DeWalt Secrist	Lisbon, Iowa
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Ziegler, Lyman Huntington	Waban, Mass.
A.B. (Yale), Sociology, Economics.	

SUMMER OF 1936; FIRST TERM

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Ph.B. (University of Chicago), A.M. (University of Florida), Romance Languages.	
Abee, Florence Edwina	Tampa, Fla.
A.B. (Florida State College for Women), English.	
Abel, Colin Marguerite	Columbia, S. C.
A.B., A.M. (University of South Carolina), Romance Languages.	
Adams, John James	Weir, Miss.
A.B. (Mississippi College), Education.	
Adams, Robert Lausch	Rothsville, Pa.
B.S. (Millersville State Teachers College), Education.	
Adams, Ruby Irene	Jacksonville, Fla.
A.B. (Florida State College for Women), Education.	
Agnew, Virginia Miller	Rock Hill, S. C.
A.B. (Winthrop College), English.	
Alexander, Mary Frances	Lake Wales, Fla.
A.B. (Erskine College), Education, English.	
Alford, Attie America	Bonifay, Fla.
A.B. (Agnes Scott College), English.	
Allaben, Sara	Thomson, Ga.
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Allison, Mary Weaver	Durham, N. C.
A.B. (Woman's College of the University of North Carolina), Education.	
Altland, Paul Daniel, Jr.	York, Pa.
B.S. (Gettysburg College), A.M. (Duke), Zoology.	
Amann, Marcella Elizabeth	Monessen, Pa.
B.S. (Seton Hill College), Education, Sociology.	
Anderson, Anna Jane	Tallahassee, Fla.
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- Anderson, Virginia
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Harkness, James Willard	Reedsville, Pa.
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Harris, Arthur Small	Jacksonville, Fla.
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A.B. (Blue Mountain College), Education.	
Porter, Julia Adeline	Clinton, S. C.
A.B. (Flora Macdonald College), Romance Languages, Latin.	
Powell, Arel Edward	Morgansville, W. Va.
A.B. (Salem College), Education.	
Powell, Caroline Egerton	Warrenton, N. C.
A.B. (Elon College), Botany, Zoology.	
Powell, Lillie Mae	Kingsport, Tenn.
A.B. (Carson-Newman College), History.	
Powell, Marjorie Anne	New Castle, Pa.
A.B. (Geneva College), History, Education.	
Price, Albert Lee	Erwin, Tenn.
A.B. (Milligan College), Botany.	
Price, Lucy Ethel	Milligan College, Tenn.
B.S. (Milligan College), M.S. (University of Tennessee), English.	
Priebatsch, Jeanette	Brookhaven, Miss.
A.B. (Millsaps College), Education.	
Priester, H. F., II	Lake Butler, Fla.
A.B. (University of Florida), Education.	
Prior, Marian Hamilton	Clearwater, Fla.
A.B. (Florida State College for Women), Education.	
Prouty, Leonard Augustus	Charleston, S. C.
A.B. (Brown), Education, Psychology.	
Purcell, James Slicer, Jr.	Largo, Fla.
A.B. (John B. Stetson), English.	
Purcell, Wilbur Hallam	Mulberry, Fla.
A.B. (John B. Stetson), History.	
Rainsford, Evelyn Jessie	Carlisle, Pa.
B.S. (Shippensburg State Teachers College), Education.	
Randle, Clinton Wilson	Hickman, Ky.
A.B. (Duke), Sociology, Economics.	
Raschella, John Armenio	Ellwood City, Pa.
B.S. (Geneva College), History, Education.	
Ravenel, William Bee, III	Charleston, S. C.
A.B. (Davidson College), English.	
Ray, Cora Miller	Belton, Texas
A.B. (Baylor College), History.	
Ray, Denna	Huntington, W. Va.
A.B. (Marshall College), Education.	

- Reagan, Edith Melvina Birmingham, Ala.
B.S. (Birmingham-Southern College), Education.
- Reams, Edna Frances Oxford, N. C.
A.B. (Woman's College of the University of North Carolina), Education.
- Redman, Robert Brittain Athens, Pa.
A.B. (Swarthmore College), Economics.
- Reed, Jane Clifford McKeesport, Pa.
A.B. (Wilson College), Education.
- Reed, Sampy Gleason Beaver, W. Va.
A.B. (Concord State Teachers College), Education.
- Reese, Harold David Mt. Carmel, Pa.
A.B., A.M. (Pennsylvania State College), Education.
- Reeves, Cynthia Mae Laurel Springs, N. C.
A.B. (Woman's College of the University of North Carolina), A.M. (George Peabody College), English.
- Reeves, Marie Louise Americus, Ga.
B.S. (Georgia State College for Women), History, Education.
- Reid, Robert Harding Reidville, S. C.
A.B. (Davidson College), History.
- Reinhardt, Clyde Ashburn, Ga.
B.S. (Huntingdon College), Education.
- Renfroe, Carl Gilbert Statesboro, Ga.
B.S. (Emory), Education.
- Rhea, Nanala Johnson City, Tenn.
B.S. (East Tennessee State Teachers College), History, Education.
- Rice, Harry David Elm Grove, W. Va.
A.B. (West Liberty State Teachers College), History.
- Richmond, John Ashley Jonesville, Va.
A.B. (Emory and Henry College), Education.
- Richmond, William Dickenson St. Paul, Va.
A.B. (Emory and Henry College), Education.
- Riegle, Howard Edgar Arendtsville, Pa.
A.B. (Gettysburg College), History.
- Roberts, Beatrice Thelma Hillsboro, N. C.
A.B. (Woman's College of the University of North Carolina), A.M. (Duke), Mathematics.
- Robertson, Eleanor Virginia Johnson City, Tenn.
B.S. (East Tennessee State Teachers College), English.
- Robertson, Ruth Hale New Smyrna, Fla.
A.B. (John B. Stetson), Sociology.
- Robinson, Frances Newport, Ky.
A.B. (Union College), Sociology.
- Robinson, Jewel Sutherland Creston, N. C.
B.S. (Appalachian State Teachers College), Education.
- Robinson, T. Eugene Beaverdale, Pa.
B.S. (Geneva College), Education.
- Robison, Jennie Lansden Sparta, Tenn.
A.B. (Texas Technological College), English.
- Rockwell, Inez Vivian Troy, Pa.
B.S. (Mansfield State Teachers College), Romance Languages, Education.
- Rodgers, Ruth Forest City, N. C.
A.B. (Erskine College), Education.
- Rodriguez, Mary Magdalene Tampa, Fla.
B.S. (Florida State College for Women), Romance Languages, English.
- Rollins, Roy Eugene Salisbury, N. C.
A.B. (Elon College), Education.

Ross, Margaret	Lewisburg, Pa.
A.B. (Bucknell), English.	
Ross, William Alexander	McAlevy's Fort, Pa.
B.S. (Juniata College), Latin, Education.	
Rosser, Lillian Evelyn	Miami, Fla.
A.B. (Tulane), Economics.	
Round, Theodore Roosevelt	Cadogan, Pa.
B.S. (Indiana State Teachers College), Education.	
Rourk, Capitola Elizabeth	Charleston, S. C.
A.B. (College of Charleston), Education, Latin.	
Rourk, Catharine Marion	Savannah, Ga.
B.S. (Wesleyan College), A.M. (Columbia), English.	
Rucker, Edith Wall	Anderson, S. C.
A.B. (Queens-Chicora College), Romance Languages, History.	
Ruff, Hazel Shelton	Jackson, Miss.
A.B. (Mississippi State College for Women), History.	
Rupert, James Davison	Stoneboro, Pa.
A.B. (Grove City College), English.	
Rush, Wallace Sabin	Moorhead, Miss.
B.S. (Mississippi Delta State Teachers College), Education.	
Russell, Fielding Dillard	Winder, Ga.
A.B., A.M. (University of Georgia), English.	
Rutland, Lona Aileen	Ridge Spring, S. C.
A.B. (Newberry College), English.	
Sanborn, Willa	Americus, Ga.
A.B. (University of Georgia), History.	
Sanders, Mary Roberta	Memphis, Tenn.
A.B. (Sophie Newcombe Memorial College), Education.	
Sartorius, William Schoolfield	Pocomoke City, Md.
A.B. (Amherst College), A.M. (Duke), Education.	
Satterfield, George Howard	Raleigh, N. C.
A.B. (Duke), B.S. (University of North Carolina), A.M. (Duke), Biochemistry	
Satterwhite, Seymour Blair	Roxboro, N. C.
B.S. (North Carolina State College), Education.	
Savage, William Richard, Jr.	Holland, Va.
B.S. (College of William and Mary), Education.	
Schaeffer, Owen Sereno	Petersburg, W. Va.
A.B. (West Virginia), Education.	
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B.S. (East Stroudsburg State Teachers College), Education.	
Schanbacher, Genevieve	Mansfield, Pa.
B.S. (Mansfield State Teachers College), Education.	
Schneider, Julius August	West Hazleton, Pa.
A.B. (Lafayette College), Education.	
Schrack, John Howard	Boyertown, Pa.
B.S. (Kutztown State Teachers College), Education.	
Scobey, Alfreda Alice	Eustis, Fla.
A.B. (American), History.	
Scott, Eugene Lewis	Table Rock, W. Va.
A.B. (Lynchburg College), English.	
Scott, George Milton	Augusta, Ga.
A.B. (University of Chattanooga), B.Litt. (Columbia), A.M. (Duke), English.	
Scott, Worthy Kincaid, Jr.	Waynesburg, Pa.
B.S. (Waynesburg College), Economics.	
Sears, George Dewey	Alamo, Ga.
A.B. (Mercer), Education, History.	

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B.S. (Albright College), Education. Windber, Pa.
- Sharpe, Annie Lane
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A.B. (Duke), History. Bradenton, Fla.
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- Slater, Irene Kirkendall
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- Slider, Marjorie Armerling
A.B. (Women's College of University of Delaware), English, Education. Minersville, Pa.
- Sloan, Eulalie
B.S. (West Tennessee State Teachers College), English. Memphis, Tenn.
- Sloane, Jewell Edwina
B.S. (Florida State College for Women), History. Mascotte, Fla.

Small, Erma Grace	LaGrange, N. C.
A.B. (East Carolina Teachers College), History, Education.	
Smedley, Sara Harriett	Kane, Pa.
A.B. (Ohio Wesleyan), English.	
Smith, Allen Candler	Decatur, Ga.
A.B. (University of Georgia), History, Education.	
Smith, Alva Lee	Norfolk, Va.
B.S. (Virginia Polytechnic Institute), Mathematics.	
Smith, Benjamin Lee	Shelby, N. C.
A.B. (Duke), Education.	
Smith, Carrie Margaret	Kenova, W. Va.
A.B. (Marshall College), Education.	
Smith, Dorothy Elizabeth	Iuka, Miss.
A.B. (Mississippi State College for Women), History, Education.	
Smith, Eunice	Canada, Ky.
A.B. (Transylvania College), English.	
Smith, George L.	Rutherford College, N. C.
A.B. (Emory and Henry College), Education.	
Smith, Guy Frederick	Mascotte, Fla.
A.B. (University of Florida), Education.	
Smith, Jessie Beatrice	Belton, S. C.
A.B. (Greenville Woman's College of Furman University), English.	
Smith, Jonathan Marshall	Newell, N. C.
A.B. (Davidson College), B.D. (Union Seminary), Education.	
Smith, Oscar	Palmetto, Fla.
A.B. (North Georgia College), Education.	
Smith, Pauline Duggan	Delaware City, Del.
A.B. (Bessie Tift College), English.	
Smith, Thomas LeRoy	Dunlo, Pa.
A.B. (Otterbein College), Education.	
Snedegar, Dorothy May	Roanoke, Va.
B.S. (Farmville State Teachers College), Religion.	
Sonderman, Harry Fred	McMechen, W. Va.
A.B. (West Liberty State Teachers College), Education.	
Sowash, Geoffrey Gordon	New Wilmington, Pa.
A.B. (Westminster College), Education.	
Spainhour, Richard Edward	Lenoir, N. C.
A.B. (Maryville College), Education.	
Spangler, Arthur Hodson	Peterstown, W. Va.
A.B. (Concord State Teachers College), Education.	
Spencer, John Corson	Guinea Mills, Va.
A.B. (University of Richmond), Education.	
Stallings, Laelius	Newnan, Ga.
A.B. (Agnes Scott College), History, Latin.	
Stalnaker, Lillian	Parsons, W. Va.
A.B. (West Virginia), English.	
Stanford, Mary Leola	Macon, Ga.
A.B. (Wesleyan College), Religion.	
Stankunas, Alfonse Michael	Homestead, Pa.
B.S. (Duquesne), Education.	
Stanley, Edgar Hampton	Ashland, Ky.
A.B. (Marshall College), Education.	
Stansberry, Katheryn Louise	Clinton, Tenn.
A.B. (Carson-Newman College), English.	
Stauffer, Russell George	Topton, Pa.
B.S. (Kutztown State Teachers College), Education.	

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| Steelman, Max Randolph
A.B. (Lenoir-Rhyne College), Education. | Hickory, N. C. |
| Steelman, Ruth Amber
A.B. (Lenoir-Rhyne College), Education. | Hickory, N. C. |
| Stephens, James Kenneth
B.S. (North Carolina State College), History. | Apex, N. C. |
| Stephenson, Abram Clements
A.B. (Elon College), Mathematics, Education. | Red Springs, N. C. |
| Stern, John Shank
B.S. (Juniata College), Education, Zoology. | Manheim, Pa. |
| Stevenson, Clarence Edward
A.B. (Oglethorpe), Education. | Hogansville, Ga. |
| Stewart, Ruth Burton
A.B. (Western Kentucky Teachers College), Education. | Bowling Green, Ky. |
| Still, Evedon Howell
A.B. (Furman), Education. | Abbeville, S. C. |
| Stone, Henry Clarence
B.S. (North Carolina State College), Education. | Shallotte, N. C. |
| Storey, George Gilbert
A.B. (Geneva College), English. | Scottdale, Pa. |
| Stough, Theodore Elias
A.B. (Duke), Education. | Gibsonville, N. C. |
| Stover, Kermit Martin
B.S. (Lock Haven State Teachers College), Education. | Lock Haven, Pa. |
| Strawhorn, Frances
A.B. (Lander College), Sociology, Education. | Greenwood, S. C. |
| Strickland, Cecil Calvert
A.B. (Glennville State Teachers College), M.S. (West Virginia), Botany. | Clendenin, W. Va. |
| Strom, Samuel Thaddeus
A.B. (Furman), Education. | Ward, S. C. |
| Strzepek, Alfred Walter
B.S. (University of Illinois), Education. | Sterling, Ill. |
| Studebaker, Louise Florence
A.B. (Westminster College), History, Education. | Slippery Rock, Pa. |
| Stumpf, Phillip Quay
A.B. (Franklin and Marshall College), History, Sociology. | Lancaster, Pa. |
| Sturm, Albert Lee, Jr.
A.B. (Hampden-Sydney College), Education. | Appalachia, Va. |
| Sumner, Thelma Roberts
A.B. (Florida State College for Women), English. | Tampa, Fla. |
| Swearinger, Mildred Emily
A.B. (Oberlin College), Education. | Eagle Lake, Fla. |
| Swim, Riley Cecil
A.B. (Emory and Henry College), Economics, Education. | Beckley, W. Va. |
| Sypher, Ruth Margaret
B.S. (Mansfield State Teachers College), English, Education. | Picture Rocks, Pa. |
| Tait, Martha Angeline
A.B. (Grove City College), English, Education. | Clairton, Pa. |
| Tanner, Martha Malinda
A.B. (Winthrop College), Botany, Zoology. | Chesnee, S. C. |
| Taylor, Doris Laveria
B.S. (Fredericksburg State Teachers College), Education, Sociology. | Pocomoke City, Md. |
| Taylor, Mary Thelma
A.B. (Susquehanna), English. | Espy, Pa. |
| Terry, Charles Edwin, Jr.
B.S. (University of Florida), Education. | Winter Park, Fla. |

Tew, Thelma Pearl	Sanford, Fla.
A.B. (Florida State College for Women), Education, Psychology.	
Thompson, Bessie Virginia	Norwood, N. C.
A.B. (Duke), Education.	
Thompson, Clarence Edward	Freedom, Pa.
B.S. (Geneva College), Mathematics, Education.	
Thompson, Maurine	Mathiston, Miss.
A.B. (Mississippi Delta State Teachers College), English.	
Tilley, Alice Whitted	Durham, N. C.
A.B. (East Carolina Teachers College), Education, Sociology.	
Timmerman, John Ransom, Jr.	Edgefield, S. C.
A.B. (Furman), English.	
Tisdale, Mary Kathleen	Mayesville, S. C.
A.B. (Coker College), English.	
Titus, Donald James	Rices Landing, Pa.
A.B. (Waynesburg College), English.	
Toney, Mary	Johnston, S. C.
A.B. (University of South Carolina), English.	
Triplett, Edna Bernadine	Charlotte, N. C.
A.B. (Queens-Chicora College), English.	
Trivette, Nell Virginia	Boone, N. C.
B.S. (Appalachian State Teachers College), Education.	
Truesdale, Edred	Kershaw, S. C.
A.B. (University of South Carolina), Education, History.	
Turner, Anne Dowdell	Newnan, Ga.
A.B. (Agnes Scott College), Education.	
Turner, Emma May	New Orleans, La.
A.B. (Tulane), History.	
Turner, Mildred Elizabeth	Chickasha, Okla.
A.B. (Oklahoma College for Women), English.	
Turner, Reginald	Asheboro, N. C.
A.B. (Duke), Education.	
Tyler, Karlie Reed	Glen Saint Mary, Fla.
B.S. (Florida State College for Women), Education.	
Uhler, Katherine	Charlotte, N. C.
L. es L. (Sorbonne, Paris, France), Romance Languages.	
Ulrich, Foster Grash	Lancaster, Pa.
A.B. (Lebanon Valley College), History, Education.	
Umstead, Lillian Wilson	Durham, N. C.
A.B. (Duke), Education.	
Valdes, Albert Charles	Tampa, Fla.
A.B. (Rollins College), Romance Languages.	
Vanderau, Betty Louise	Chambersburg, Pa.
B.S. (Shippensburg State Teachers College), Education.	
Van Hook, Benjamin Ormond	Jackson, Miss.
A.B. (Millsaps College), A.M. (Vanderbilt), Mathematics.	
Van Slyke, Doris Irene	Tampa, Fla.
A.B. (Florida State College for Women), Sociology, English.	
Vermillion, Gertrude	Jacksonville, Texas
A.B. (Greenville Woman's College), B.S. (George Peabody College), A.M. (Columbia), Chemistry.	
Vermillion, Herbert Edward	Competition, Mo.
B.S. (Monmouth College), Chemistry.	
Vernon, Sarah Elizabeth	Burlington, N. C.
A.B. (Meredith College), Political Science.	

- Vick, Alfred Teasdale Savannah, Ga.
B.S. (Clemson A. and M. College), Education.
- Vigal, Joseph Clifton McRae, Ga.
A.B. (Mercer), Economics.
- Vinson, Raymond Augustus South Jacksonville, Fla.
A.B. (University of Florida), Education, Political Science.
- Voelker, Irene Bertha Lock Four, Pa.
B.S. (California State Teachers College), History, Education.
- Wade, Lily Margaret Cleveland, Miss.
B.S. (Mississippi Delta State Teachers College), History, Education.
- Wagner, Horace McDonald Montcalm, W. Va.
A.B. (Concord State Teachers College), Education.
- Wake, Orville Wentworth Middletown, Va.
A.B. (Lynchburg College), Education.
- Walker, Lela Samantha Saxton, Ky.
A.B. (University of Kentucky), English.
- Walsh, Anastasia Charleston, S. C.
B.S. (College of Charleston), Education, English.
- Walsh, Charlotte Congdon Walterboro, S. C.
B.S. (Winthrop College), Education.
- Walsh, Mary Katherine Charleston, S. C.
B.S. (College of Charleston), Education, English.
- Walter, Marion Eleanor Claysburg, Pa.
A.B. (Seton Hill College), English, Education.
- Walter, Selwyn Bernard Edon, Ohio
B.S. (Ohio State), History, Political Science.
- Washburn, Alice Bostic, N. C.
A.B. (Queens-Chicora College), History.
- Watson, Florence Kathleen Charleston, W. Va.
B.S. (Harrisonburg State Teachers College), English.
- Watson, Frederick Cecil Chester, Vt.
B.S. (Middlebury College), A.M. (University of Michigan), Mathematics.
- Watts, Claudius Elmer, Jr. Camden, S. C.
A.B. (The Citadel), Education, History.
- Weaver, James Carlvn Saxis, Va.
A.B. (Lynchburg College), Romance Languages.
- Webb, John Maurice Durham, N. C.
A.B. (Duke), History.
- Webster, Roy Mt. Pleasant, N. C.
A.B. (Wofford College), A.M. (Columbia), Education.
- Weddle, William McKinley Check, Va.
B.S. (George Peabody College), History, Education.
- Weeks, Benn Westfield, Pa.
B.S. (Mansfield State Teachers College), Sociology.
- Weeks, Oliver Clayton Beckley, W. Va.
A.B. (Concord State Teachers College), Education.
- Weinberg, Sydney Jay Sanford, Fla.
A.B. (University of Florida), History.
- Weir, John Blackwood Moosic, Pa.
B.S. (West Chester State Teachers College), Education.
- Weller, Grace Harlowe Canmer, Ky.
A.B. (Maryville College), English, Education.
- Weller, Wayne Fort Knox, Ky.
A.B. (Western Kentucky State Teachers College), History, Education.
- Wertsch, Lavilla Elizabeth Ephrata, Pa.
B.S. (Millersville State Teachers College), Sociology, Education.

Wertz, Roy Albert	Frackville, Pa.
A.B. (Muhlenberg College), Education.	
Westmoreland, Aliceteen	Thomasville, N. C.
A.B. (Woman's College of the University of North Carolina), Education.	
Wetmore, Thomas Hall, Jr.	Little River, S. C.
A.B. (Lincoln Memorial), English.	
Whelchell, Laura Darwin	Gaffney, S. C.
A.B. (Limestone College), English.	
White, Fannie Belle	Columbia, S. C.
A.B. (Columbia College), A.M. (University of South Carolina), History.	
White, Frank Dudley	Linden, Va.
A.B. (Randolph-Macon College), Education.	
White, George Wilbur	Koppel, Pa.
A.B. (Geneva College), Education, Political Science.	
White, William Clinton	New Wilmington, Pa.
B.B.A. (Westminster College), Education.	
Whitener, Catherine Viola	Salisbury, N. C.
A.B. (Catawba College), English.	
Whitman, William Tate	Charleston, S. C.
A.B., A.M. (Duke), Economics, Political Science.	
Whittingdon, Edythe Kerner	Greensboro, N. C.
A.B. (Queens-Chicora College), Education.	
Wiggins, Elizabeth Lewis	Holly Hill, S. C.
A.B. (Winthrop College), English.	
Wilcox, Kathryn Johnson	Clearwater, Fla.
A.B. (John B. Stetson), Education.	
Wilfong, Mildred Elizabeth	Tallahassee, Fla.
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Wilhite, Arthur Bolton	Elberton, Ga.
A.B. (Erskine College), Education.	
Wilkerson, Milton Chick	Durham, N. C.
A.B. (Hampden Sidney College), Religion.	
Williams, Annie Lyle	Rock Hill, S. C.
B.S. (Winthrop College), Education.	
Williams, Arlene Etta	Glenmont, Ohio
A.B. (Heidelberg College), English.	
Williams, Cliffie Ethel	Henderson, N. C.
A.B. (Woman's College of the University of North Carolina), Romance Languages.	
Williams, Elizabeth Rose	Iva, S. C.
A.B. (Erskine College), English.	
Williams, Ellis Downing	Clarks Summit, Pa.
B.S. (Mansfield State Teachers College), Education.	
Williams, Margaret Lawrene	Memphis, Tenn.
B.S. (Memphis State Teachers College), Education.	
Williams, Olan Yarnall	California, Pa.
B.S. (California State Teachers College), English.	
Williams, Roger Augustus	Abbeville, S. C.
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Williams, Walter Hackett	Canton, Pa.
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 B.S. (Lock Haven State Teachers College), Education.
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- Woodcock, Ruth
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- Woodruff, Margaret
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- Woodward, John Lisbon
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- Worley, Claude
 A.B. (Concord State Teachers College), Education, Sociology.
- Wray, Ruth Smith
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- Wright, Dorthy Edna
 B.S. (University of Pittsburgh), Education.
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- Wylie, Claude
 A.B. (Concord State Teachers College), Education, Sociology.
- Yager, Charles Monroe
 B.S. (University of Maryland), Mathematics, Education.
- Yancey, Roxannah
 A.B. (Womans College of the University of North Carolina), Education.
- Yeadon, Margaret
 A.B. (University of South Carolina), Education.
- Young, Mabel Dorothy
 A.B. (Geneva College), Education.
- Young, Otho Byron
 A.B. (Marshall College), Education.
- Young, Valla Evelyn
 A.B. (Western Kentucky State Teachers College), English.
- Anderson, S. C.
 Central City, Pa.
 Lexington, Ky.
 Durham, N. C.
 Ford City, Pa.
 Batesburg, S. C.
 Huntington, W. Va.
 Birmingham, Ala.
 Asheville, N. C.
 Pittsfield, Pa.
 Statesboro, Ga.
 Martinsburg, Pa.
 Central City, Ky.
 Charlotte, N. C.
 Johnson City, Tenn.
 Richlands, N. C.
 Surveyor, W. Va.
 Glen White, W. Va.
 Conemaugh, Pa.
 Miami, Fla.
 Gap Mills, W. Va.
 Baltimore, Md.
 Roxboro, N. C.
 Sumter, S. C.
 Ellwood City, Pa.
 Clendenin, W. Va.
 Newport, Ky.

Young, William Coleman	Georgetown, S. C.
A.B. (College of Charleston), History.	
Zarfoss, Lewis Harold	Columbia, Pa.
B.S. (Millersville State Teachers College), Education.	

SUMMER OF 1936; MIDDLE TERM

Achurch, Robert Waller	Charleston, S. C.
A.B. (College of Charleston), A.M. (University of North Carolina), English.	
Arnold, Dean Benjamin	York, Pa.
A.B. (Gettysburg College), Education.	
Arnold, Virginia Pierce	Greenville, S. C.
A.B. (Greenville Woman's College of Furman University), Education.	
Ashworth, Joseph Albert	N. Arlington, N. J.
B.S. (California Institute of Technology), Physics.	
Barr, Leon Vincent	Renova, Pa.
B.S. (Lock Haven State Teachers College), Mathematics, Education.	
Beacom, Ida Margaret	Mt. Pleasant, Pa.
A.B. (Grove City College), Education.	
Beatty, Emily Holmes	Amite, La.
A.B. (Louisiana State), A.M. (Tulane), English.	
Beavers, Hallie	Siler City, N. C.
A.B. (Woman's College of the University of North Carolina), A.M. (Duke), Mathematics.	
Blough, Anna Elizabeth	Manassas, Va.
A.B. (Bridgewater College), Mathematics.	
Bodner, William Raymond	Rankin, Pa.
A.B. (St. Vincent College), History.	
Bookhardt, Maisie Leta	Elloree, S. C.
A.B. (Winthrop College), Education.	
Bowen, Rachel Mary	Elmira, N. Y.
A.B. (Pennsylvania State College), History, Education.	
Brandon, Frances Hoff	Athens, Ga.
A.B., A.M. (University of Georgia), History.	
Brown, Margaret Louise	Manning, S. C.
A.B. (Queens-Chicora College), Education.	
Bugbee, Leroy Edgar	Kingston, Pa.
A.B. (Boston), A.M. (Harvard), Education.	
Bullion, Cora Katherine	Chevy Chase, Md.
B.S. (Wilson Teachers College), Education, History.	
Burt, Parker Harland	Kingston, Pa.
A.B. (Dartmouth College), Education.	
Carroll, Richard John	Taylor, Pa.
B.S. (East Stroudsburg State Teachers College), Education.	
Carter, Emily	Walhalla, S. C.
B.S. (Winthrop College), Education.	
Cartwright, John Sheldon	Stroudsburg, Pa.
A.B. (East Stroudsburg State Teachers College), Education.	
Cassell, Hugh Kent	Big Stone Gap, Va.
B.S. (Mercer), Education.	
Cheely, Gladys	Savannah, Ga.
A.B. (University of Georgia), Education.	
Clardy, Katherine	Greenville, S. C.
B.S. (Greenville Woman's College of Furman University), Education.	
Cobb, Roy Douglas	Louisville, Ky.
A.B. (Western Kentucky State Teachers College), English.	

- Conard, Thomas Pennington Lansdowne, Pa.
B.S. (West Chester State Teachers College), Education.
- Cooke, Cecil Dennis Clear Fork, W. Va.
A.B. (Concord State Teachers College), Mathematics.
- Critchfield, Clara Etta Washington, D. C.
A.B. (George Washington), English.
- Davidson, Mary Frances Middlesboro, Ky.
B.S. (West Virginia), Mathematics.
- DuBois, Millard George Norwood, N. J.
B.S. (Middleburg College), Education.
- Eckhart, Kathleen Mary Keyport, N. J.
B.S. (Rutgers), Economics.
- Edwards, Allen Braxton Danville, Ky.
A.B. (Centre College), History, Economics.
- Fielder, Margaret Frances Charleston, W. Va.
B.S. (Harrisonburg State Teachers College), Mathematics.
- Fisher, Jesse Gilbert Miami, Fla.
A.B. (Indiana), English.
- Fort, Mildred North, S. C.
A.B. (Columbia College), Education.
- Foster, Mrs. Alvin Willimon Greenville, S. C.
A.B. (Columbia College), Mathematics, Education.
- Fulton, Pencie Danville, Va.
A.B. (College of William and Mary), Education.
- Gaut, Frances Andrews Latrobe, Pa.
B.S. (Indiana State Teachers College), Mathematics.
- Gillingham, Samuel Wilson Glenside, Pa.
A.B. (Maryville College), Education.
- Glaspey, Robert C. Slippery Rock, Pa.
B.S. (Slippery Rock State Teachers College), Education.
- Gooden, Viola June Ridgefield Park, N. J.
A.B. (Juniata College), Education.
- Gramling, Wilhelmina Orangeburg, S. C.
A.B. (Winthrop College), Education.
- Groff, Mary Spotten Columbia, Pa.
A.B. (Lebanon Valley College), English, Education.
- Hamblin, Clarissa Wardwell Lewisburg, Pa.
A.B. (Bucknell), English, Education.
- Harris, Bobby Wrens, Ga.
A.B. (Georgia State Teachers College), History.
- Head, Philemon Ernest Summerfield, Fla.
A.B. (Southern College), Economics.
- Hemperly, Norman Albert Lebanon, Pa.
B.S. (Lebanon Valley), Mathematics.
- Henry, Howard Emerson Dover, Del.
B.S. (Trenton State Teachers College), Education.
- Hicks, Carus Searight Fairmont, W. Va.
A.B. (Carson-Newman College), Education.
- Hill, Madeline Mitchells, Va.
B.S. (Farmville State Teachers College), Education.
- Hill, Robert Brandon Grove City, Pa.
B.S. (Grove City College), Education.
- Hoffeditz, Laura Margaret Mercersburg, Pa.
B.S. (Shippensburg State Teachers College), History.
- Hoffman, George Peters St. Petersburg, Fla.
B.S. (University of Florida), Economics.

Hoffman, Ira Penn	Pine Grove, Pa.
B.S. (Bucknell), Education.	
Holliday, John Raymond	Scottdale, Pa.
B.S. (California State Teachers College), Education, Mathematics.	
Howard, Martha Jean	Wilkinsburg, Pa.
B.S. (University of Pittsburgh), Education.	
Huffman, Thomas Jefferson	Berwind, W. Va.
A.B. (Marshall College), A.M. (Ohio State), Education.	
James, Eleanor Mae	Minersville, Pa.
Ph.B. (Dickinson College), History.	
Jenkins, Maxine Inda	Ellisville, Miss.
A.B. (Mississippi State College for Women), Education.	
Johnson, Mary Louise	Macon, Ga.
A.B. (Wesleyan College), English.	
Johnson, Virginia Lee	Memphis, Tenn.
B.S. (Memphis State Teachers College), English.	
Johnson, Walter Myatt	Bahama, N. C.
B.E. (North Carolina State College), Economics.	
Johnson, William Pearce	Durham, N. C.
A.B. (Furman), Mathematics, Education.	
Johnston, Harry Campbell	Sidman, Pa.
B.S. (Geneva College), Education.	
Jones, Thomas Owen	Arlington, Va.
A.B. (George Washington), Education, Mathematics.	
Jupenlaz, Fred August	Covington, Pa.
B.S. (Mansfield State Teachers College), Education.	
Keene, Ellis Leaman	Quarryville, Pa.
B.S. (Millersville State Teachers College), Mathematics.	
King, Carl Kenneth	Punxsutawney, Pa.
B.S. (Indiana State Teachers College), History.	
King, Ethel Anderson	West Palm Beach, Fla.
A.B. (Oglethorpe), History, Education.	
Lea, Jenny Lovell	Chattanooga, Tenn.
A.B. (University of Chattanooga), History.	
Light, Harris Bennetch	Lebanon, Pa.
A.B. (Albright College), Mathematics.	
Lloyd, Ruth	Spencer, N. C.
A.B. (East Carolina Teachers College), Education.	
Longanecker, Edwin Snider	Littleton, Pa.
B.S. (Shippensburg State Teachers College), History.	
Lott, Audrey Peacock	Perry, Fla.
A.B. (Florida State College for Women), History.	
McLendon, Virginia	Grovetown, Ga.
A.B. (Georgia State College for Women), Education.	
McMahan, Chalmers Alexander	Seneca, S. C.
B.S. (Clemson Agricultural College), Education.	
Madison, Royd Blaine	Union Grove, N. C.
B.S. (Appalachian State Teachers College), Education.	
Major, Everett W.	Richmond, Va.
B.S., A.M. (College of William and Mary), Mathematics.	
Mayes, Janie Louise	Mayesville, S. C.
A.B. (Converse College), Education.	
Merritt, Helen Christine	Forest Glen, Md.
B.S. (Wilson Teachers College), Education.	
Mouzon, Isabelle Gordon	Orangeburg, S. C.
A.B. (Winthrop College), History.	

Nolan, Dorothy Mary	Memphis, Tenn.
A.B. (University of Tennessee), Education.	
Nordstrom, Clarence John	New Britain, Conn.
Ph.B. (Wesleyan), Education.	
Osteyee, Andrew George	Madison, N. J.
A.B. (Middlebury College), A.M. (Columbia), Mathematics.	
Palmer, Percy Robert	Behee, W. Va.
A.B. (Marshall College), Mathematics.	
Paschal, Mary Naomi	Jacksonville, Fla.
A.B. (Wesleyan College), Education, English.	
Pauff, Ethel Blanche	Nesquehoning, Pa.
A.B. (Ursinus College), History.	
Peters, Thelma Peterson	Miami, Fla.
A.B. (Brenau College), History.	
Rader, George Leroy	Oakwood, Ohio
A.B. (Ashland College), Education.	
Reese, Burton Byron	Taylor, Pa.
B.S. (East Stroudsburg State Teachers College), Education.	
Richardson, Amelia Marie	McKeesport, Pa.
A.B., A.M. (Grove City College), Mathematics, Education.	
Richardson, John Williams	Puryear, Tenn.
B.S. (Murray State Teachers College), Education, History.	
Richardson, Myrtle Parke	Puryear, Tenn.
A.B. (Murray State Teachers College), Education, English.	
Rieman, Glenn Walker	Berlin, Pa.
A.B. (Juniata College), M.Ed. (University of Pittsburgh), Education.	
Riser, Ethel	Sanford, Fla.
A.B. (Newberry College), Mathematics.	
Risser, Leah Cathrine	Hershey, Pa.
A.B. (Goshen College), Education.	
Ross, Alice Lorraine	S. Brownsville, Pa.
A.B. (Waynesburg College), History.	
Rowe, Effie Mae	Emmitsburg, Md.
A.B. (Western Maryland College), Education.	
Rugaber, Ralph Charles	Galeton, Pa.
B.S. (Mansfield State Teachers College), Education, Mathematics.	
Rusk, Gertrude Parke	Kensington, Md.
B.S. (Wilson Teachers College), English, Education.	
Saez, Mercedes de los Angeles	Santurce, Puerto Rico
A.B. (Temple), A.M. (University of Puerto Rico), English.	
Sheese, Mildred Libbie	Washingtonville, Pa.
A.B. (Wilson College), History.	
Sherry, John Joseph	Mahanoy City, Pa.
B.S. (Temple), Education.	
Skiles, Amos F.	Allentown, Pa.
Ph.B. (Muhlenberg College), Education.	
Smith, Benjamin Lee	Shelby, N. C.
A.B. (Duke), Economics.	
Snyder, Anna Jane	Huntingdon, Pa.
A.B. (Juniata College), English.	
Soverns, James William	Dickerson Run, Pa.
B.S. (California State Teachers College), Education.	
Spencer, Gaylord Colvin	Ulysses, Pa.
B.S. (Mansfield State Teachers College), History, Education.	
Stanford, Herman Tyndall	Oxford, Ala.
B.S., A.M. (University of Alabama), Education.	

Stanford, Terrell Pace	Oxford, Ala.
B.S. (University of Alabama), Education.	
Stauterman, Eda Beulah	Elmira, N. Y.
B.S., A.M. (University of Missouri), Education.	
Stephenson, Moselle	Winston-Salem, N. C.
A.B. (Winthrop College), Education.	
Stine, Glenn Ralph	Newton, N. C.
A.B. (Lenoir-Rhyne College), Economics.	
Summers, George Boyd	Prosperity, S. C.
A.B. (Newberry College), Education.	
Terrill, Olive James	Richmond, Ky.
B.S. (Eastern Kentucky State Teachers College), Education, English.	
Tilley, Nannie May	Bahama, N. C.
A.B. (Woman's College of the University of North Carolina), A.M. (Duke). History.	
Tischer, Glen Louis	Catasauqua, Pa.
A.B. (Lafayette College), History.	
Tompkins, Mary Alma	Alexandria, La.
A.B. (Louisiana State), English.	
Tudor, Evelyn Whitmore	Wilson, N. C.
A.B. (Randolph-Macon Woman's College), Education.	
Valentine, John Leroy	Dickerson Run, Pa.
B.S. (Indiana State Teachers College), History.	
Weaver, Clarence Edwards	New Paris, Pa.
B.S. (Otterbein College), Education.	
Webb, Merle Keller	Pelzer, S. C.
A.B. (Lander College), Education.	
Wells, Lewis Arnold	Brockway, Pa.
B.S. (Clarion State Teachers College), Education.	
West, Robert Charles	Inman, S. C.
A.B., A.M. (Wofford College), Economics, History.	
Wilkerson, Milton Chick	Durham, N. C.
A.B. (Hampden-Sydney College), Religion.	
Wilkinson, Courtney Ballou	Lynchburg, Va.
A.B. (Agnes Scott College), Education.	
Wilson, Richard Marion	Gold, Pa.
B.S. (Mansfield State Teachers College), History, Education.	
Worley, William Carson	Jacobus, Pa.
A.B. (Gettysburg College), Education.	
Worthington, Theresa McCormick	Bel Air, Md.
A.B. (Mary Baldwin College), Mathematics.	
Wright, Roger Lee	Damascus, Va.
A.B. (Emory and Henry College), Education.	

SUMMER OF 1936; THIRD TERM

Abee, Florence Edwina	Tampa, Fla.
A.B. (Florida State College for Women), English.	
Adams, Robert Lausch	Rothsville, Pa.
B.S. (Millersville State Teachers College), Education.	
Adams, Ruby Irene	Jacksonville, Fla.
A.B. (Florida State College for Women), Education.	
Agnew, Virginia Miller	Rock Hill, S. C.
A.B. (Winthrop College), English.	
Alexander, Ruth	Greenville, Tenn.
A.B. (Tusculum College), Political Science.	

- Allaben, Sara
A.B. (Georgia State College for Women), English, Romance Languages. Thomson, Ga.
- Alsworth, Frances Lucile
B.S. (Alfred), Education. Cuba, N. Y.
- Altland, Paul Daniel, Jr.
B.S. (Gettysburg College), A.M. (Duke), Zoology. York, Pa.
- Anderson, Josephine Florence
A.B. (William Smith College), Romance Languages. Bellona, N. Y.
- Anderson, Marcia Lee
A.B. (Bryn Mawr College), English. Durham, N. C.
- Arnold, James Franklin
A.B. (Asbury College), A.M. (University of Kentucky), Education. Leesburg, Fla.
- Ashworth, Rufus Charles
A.B. (Duke), History. Winter Park, Fla.
- Atkins, Emily Howard
A.B. (Florida State College for Women), History. Jacksonville, Fla.
- Autry, John Duncan Asbury
A.B. (Duke), Religion. Garland, N. C.
- Barber, Daniel Clyde, Jr.
A.B. (The Citadel), Education. Clio, S. C.
- Barber, Veva Alberta
B.S. (Central Missouri State Teachers College), English. Orrick, Miss.
- Barnes, William Speight
A.B. (Duke), J.D. (University of Arizona), Mathematics. Raleigh, N. C.
- Beall, Richard Hugh
B.S. (West Virginia), Mathematics. Hedgesville, W. Va.
- Beam, Joshua Paul
A.B. (Furman), Education, Economics. Gaffney, S. C.
- Beaven, George Francis
B.S. (Washington College), Botany. Hillsboro, Md.
- Beck, William Freer
A.B., A.M. (University of Pittsburgh), History. Monongahela, Pa.
- Bennett, Martha Alvana
A.B. (Florida State College for Women), Education. Lakeland, Fla.
- Biggerstaff, Frank Malcolm
A.B. (Duke), Education, Economics. Forest City, N. C.
- Billingsley, Allie Ward
A.B., A.M. (University of Mississippi), Romance Languages. Winona, Miss.
- Bodey, Thora Eileen
A.B. (Indiana), History. Vevay, Ind.
- Boyer, Charles Victor
A.B. (Marshall College), Psychology. Huntington, W. Va.
- Boyer, Martha McGovney
A.B. (Marshall College), Psychology. Huntington, W. Va.
- Brady, Torrance
B.S. (South Georgia Teachers College), Education. Savannah, Ga.
- Branford, Walter Avery
A.B. (Washington College), English. Rehoboth Beach, Del.
- Brashears, Attie Lea
A.B. (Mississippi State College for Women), History. Gunnison, Miss.
- Brewer, Ann Eliza
A.B. (Meredith College), A.M. (Columbia), Romance Languages. Apex, N. C.
- Brewster, James Pendleton
A.B. (Duke), Mathematics. Newnan, Ga.
- Bridges, Daniel Moody
A.B. (Wake Forest College), Education. Rutherfordton, N. C.

Brogden, Rebecca Muriel A.B. (Duke), Education.	Durham, N. C.
Browne, Margaret Augusta A.B. (Birmingham-Southern College), History.	Chattanooga, Tenn.
Bryan, Colgan Hobson B.S. (University of South Carolina), Education.	Trenton, S. C.
Burdette, Orral Lorraine A.B. (New River State College), Botany.	Thurmond, W. Va.
Bush, Marion A.B. (Shorter College), A.M. (University of Georgia), English.	Barnesville, Ga.
Butcher, Roland A.B. (Glenville State Teachers College), Education.	Cedarville, W. Va.
Butler, Carrie Elizabeth A.B. (Huntingdon College), Education.	Montgomery, Ala.
Caffrey, Mary Margaret A.B. (Susquehanna), Education.	Sugar Notch, Pa.
Campbell, Gertrude Blanche B.S. (Muskingum College), Education, Mathematics.	Petrolia, Pa.
Casey, Walter Daniel B.S. (Howard College), Education.	Cullman, Ala.
Chalker, Annie Laura A.B. (Duke), History.	Panama City, Fla.
Chamberlain, Martha Dolly A.B. (Lake Erie College), English.	Erie, Pa.
Charlton, Harriet Virginia A.B. (Concord State Teachers College), English.	Princeton, W. Va.
Chisman, Margaret Sue A.B. (Vanderbilt), English, Education.	Memphis, Tenn.
Cobb, Jacob Ernest A.B. (University of North Carolina), Education, History.	McLeansville, N. C.
Cody, Frances Perle B.S. (Milligan College), Mathematics, Zoology.	Newport, Tenn.
Cole, John William A.B. (Fairmont State Teachers College), Education.	Clarksburg, W. Va.
Collins, Elmer Harland A.B. (Glenville State Teachers College), History, Political Science.	Clarksburg, W. Va.
Conard, Thomas Pennington B.S. (West Chester State Teachers College), Education.	Lansdowne, Pa.
Condron, Clare Mae A.B. (Pennsylvania College for Women), Education, History.	Braddock, Pa.
Couch, Marie Love A.B. (Duke), Education, Psychology.	Durham, N. C.
Crandall, Gilbert Albert A.B. (St. Johns College), History.	Annapolis, Md.
Crowe, Frank Chapman A.B. (Southern College), Political Science.	Tampa, Fla.
Culbreth, Sarah Elizabeth A.B., A.M. (Duke), Zoology.	Rocky Mount, N. C.
Cummings, Clarence Wallace Ph.B. (College of Wooster), Education.	Newport, Del.
Cuthrell, Mabel Claire B.S. (Catawba College), English.	Lexington, N. C.
Dance, Willis Lufkin A.B. (Mercer), A.M. (Duke), English.	Eatonton, Ga.
Davis, Donald Albert B.S. (Shippensburg State Teachers College), History.	Williamstown, Pa.

Deans, Cameron Dea	High Point, N. C.
A.B. (Davidson College), Education.	
DeLancy, Frances Priscilla	Morgantown, W. Va.
A.B., A.M. (West Virginia), Political Science.	
Demorest, Merrick Albert	Jacksonville, Fla.
B.S. (Otterbein College), Education, Sociology.	
Depew, Arthur McKinley	West Palm Beach, Fla.
A.B. (Milligan College), Religion.	
de Treville, Marie	Walterboro, S. C.
A.B. (Winthrop College), English.	
Dickinson, Elmer Gartin	Barboursville, W. Va.
A.B. (Morris-Harvey College), History.	
Dickinson, Vivian Sansom	Barboursville, W. Va.
B.S. (Morris-Harvey College), Mathematics.	
DiIorio, Angelina	Newark, N. J.
A.B. (Upsala College), English.	
Dillard, Kathryn	Six Mile, S. C.
B.S. (George Peabody College), English.	
Dotson, Hugh Hight	Boone, N. C.
B.S. (Appalachian State Teachers College), English.	
Dotson, Roy	Boone, N. C.
B.S. (Appalachian State Teachers College), Education.	
Douglas, Jessie Owens	Winnsboro, S. C.
A.B. (Winthrop College), History.	
Douglas, Nelle Chappell	Winnsboro, S. C.
A.B. (Winthrop College), Education.	
Dowd, Orren Edward	Durham, N. C.
A.B. (Duke), Political Science.	
Dozier, Vernon Elliott	Bartow, Fla.
A.B. (Mercer), Education.	
Dribben, William Barnett	Cleveland, Miss.
A.B. (Millsaps College), Education.	
Dunn, Elmer Cowan	Johnson City, Tenn.
B.S. (East Tennessee State Teachers College), Education.	
Dunn, Undine	Evanston, Ill.
A.B., A.M. (Northwestern), English.	
Edmondson, Lois	Beckley, W. Va.
B.S. (University of Cincinnati), Education.	
Efird, Laura Christine	Raleigh, N. C.
A.B. (Duke), Mathematics, Education.	
Emerich, David Jacob	Lebanon, Pa.
B.S. (Millersville State Teachers College), Education.	
Eskridge, Thomas Joseph	Greenwood, S. C.
A.B. (Emory and Henry College), A.M. (George Peabody College), Education.	
Eyler, William Andrew, Jr.	Savannah, Ga.
A.B. (University of Georgia), English.	
Felder, Helen Elise	Greensboro, N. C.
A.B. (Woman's College of the University of North Carolina), Psychology.	
Fishburne, Margaret Greene	Montgomery, Ala.
A.B. (Huntingdon College), Zoology.	
Fitzgerald, Mary Frances	Linwood, N. C.
A.B. (Woman's College of the University of North Carolina), Education.	
Fletcher, Ward Thomas	Greensboro, Fla.
B.S. (University of Florida), Education.	
Fort, Willena	North, S. C.
A.B. (Georgia State College for Women), English.	

Foster, Hazel Elizabeth A.B. (Hood College), Political Science.	Brunswick, Md.
Francis, Joseph Langhorne B.S. (College of William and Mary), Botany.	Capron, Va.
Frank, Letitia Morehouse A.B. (Winthrop College), Romance Languages.	Adams Run, S. C.
Frazer, Emmet Manly A.B. (Penn College), Religion.	Richmond, Va.
Gaines, Marvin Wilson A.B. (Emory), History.	Grantville, Ga.
Garren, Kenneth Howard A.B. (Duke), Botany.	Hendersonville, N. C.
Glenn, Vivian Eugene A.B. (Wofford College), Mathematics, Education.	Jenkinsville, S. C.
Goodall, Chloe Lee A.B. (West Virginia), English.	Charleston, W. Va.
Goodbread, Louise A.B. (Florida State College for Women), English.	Tampa, Fla.
Goodson, Walter Kenneth A.B. (Catawba College), Religion.	Oak Ridge, N. C.
Graham, Hallie Cora A.B. (Florida State College for Women), Education.	Waldo, Fla.
Greene, John Thomas A.B. (Duke), Religion.	Boone, N. C.
Griffin, Joseph Earle B.S. (The Citadel), LL.B. (University of South Carolina), History, Political Science.	Florence, S. C.
Grigsby, Alice Blanche A.B. (University of Chattanooga), English.	White Horn, Tenn.
Group, Vernard Franklin Ph.B. (Dickinson College), A.M. (Teachers College, Columbia), Mathematics.	Gardners, Pa.
Gulentz, Amelia Beryl A.B. (West Virginia), A.M. (George Washington), Education.	Philippi, W. Va.
Gulentz, Harriet Opal B.S. (Northwestern), Education.	Philippi, W. Va.
Gunson, Mildred Sneed A.B. (Florida State College for Women), Mathematics.	Hinson, Fla.
Guyton, Percy Love B.S. (Mississippi State College), M.B.A. (Northwestern), Economics.	State College, Miss.
Hagaman, Anna Elizabeth B.S. (Syracuse), Education.	Branchville, N. J.
Hagaman, Jake George B.S. (Appalachian State Teachers College), Education.	Boone, N. C.
Hair, Clifton LeCroy B.S. (The Citadel), Mathematics.	Charleston, S. C.
Hall, Thaddaeus Bland A.B. (Southwestern College), Education.	Covington, Tenn.
Halsall, Earl Buggle A.B. (College of Charleston), Political Science.	Charleston, S. C.
Hand, Louis Napoleon, Jr. A.B. (Davidson College), Education.	Salisbury, N. C.
Hanes, Virginia Lee A.B. (Bethany College), English.	Brownsville, Pa.
Harris, Arthur Small A.B. (Presbyterian College), Education, English.	Jacksonville, Fla.

- Harrold, Josephine Valentine
A.B. (Marshall College), Education. Huntington, W. Va.
- Hartness, Edna Buree
A.B. (Erskine College), English. Filbert, S. C.
- Hastings, Emily Prince
A.B. (Lambuth College), History. Paris, Tenn.
- Hawley, Chester Warner
A.B. (Amherst College), Mathematics. Homestead, Fla.
- Head, Philemon Ernest
A.B. (Southern College), Economics. Summerfield, Fla.
- Heilman, Carl Ernest
A.B. (Lebanon Valley College), Mathematics. Lebanon, Pa.
- Helm, James Thomas, Jr.
B.S. (Fredericksburg State Teachers College), History. Midland, Va.
- Hernick, Michael Edward
A.B. (Western Maryland College), Education, Economics. Chesapeake City, Md.
- Hess, John Henry
Litt.B. (Grove City College), Education. Fryburg, Pa.
- Hetrick, Charles Raymond
B.S. (Juniata College), Education, History. Bellwood, Pa.
- Hickey, Robert Louis
B.S. (East Tennessee State Teachers College), English. Johnson City, Tenn.
- Hill, Benjamin Frederick
A.B. (West Virginia), Education. Charleston, W. Va.
- Hill, Johnsie Cooke
A.B. (West Virginia), English. Charleston, W. Va.
- Holder, Ray
A.B., A.M. (University of Mississippi), History, English. Lucedale, Miss.
- Holt, Nancy Binford
B.S. (Farmville State Teachers College), Education. Wakefield, Va.
- Hopkins, Anne Pleasants
A.B. (Agnes Scott College), English. Charlotte Court House, Va.
- Houck, Thomas
A.B. (Wofford College), Sociology, Psychology. Winston-Salem, N. C.
- Houston, Malcolm Parks
A.B. (University of Mississippi), History. Dania, Fla.
- Huffine, Marion Gentry
B.S. (East Tennessee State Teachers College), Education. Johnson City, Tenn.
- Huffman, Thomas Jefferson
A.B. (Marshall College), A.M. (Ohio State), Education. Berwind, W. Va.
- Hughes, Margaret Elizabeth
A.B. (Flora Macdonald College), English. Cedar Grove, N. C.
- Hughes, Sanford William
A.B. (Wake Forest College), Education. Shelby, N. C.
- Hunt, Melba Cleo
A.B. (Meredith College), Botany. Apex, N. C.
- Hurt, James Lewis
B.S. (University of Florida), Education. Walnut Hill, Fla.
- Isenhour, Catharine Elizabeth
A.B. (Duke), Romance Languages, Education. Durham, N. C.
- Jacobs, James Arnold
B.S. (Murray State Teachers College), Mathematics, Education. Pembroke, N. C.
- James, William Robert
B.S. (University of Virginia), History, Education. Speedwell, Va.
- Jenkins, Roy Brown
A.B. (Concord State Teachers College), History, Education. Kingsport, Tenn.

Joiner, Oscar H.	Vidalia, Ga.
B.S. (South Georgia Teachers College), Education.	
Jones, Elijah Newman	Holland, Va.
A.B. (Elon College), Education.	
Junemann, Wilma Adele	Spring Lake, N. J.
B.S. (Trenton State Teachers College), Education.	
Justis, John Columbus	Onancock, Va.
A.B. (Lynchburg College), Education.	
Keach, Thomas Carroll	Valley Station, Ky.
A.B. (Western Kentucky State Teachers College), Education.	
Keesee, Aubrey Mays	Turbeville, Va.
A.B. (College of William and Mary), Political Science.	
Keith, Harry Dale	Renick, W. Va.
A.B. (West Virginia), Education.	
Keller, William Wates	Meriwether, S. C.
A.B. (Erskine College), Political Science.	
Kelley, Gayle	DeFuniak Springs, Fla.
B.S. (University of Florida), Education.	
Kelley, J. T.	Haines City, Fla.
A.B. (Kentucky Wesleyan College), Education.	
Kelly, Edward Hetherton	Pratt, W. Va.
A.B. (Marshall College), History.	
Kennedy, Ruth Henderson	East Orange, N. J.
B.S. (Cornell), A.M. (Columbia), Botany.	
Kepler, Marion	Schwenksville, Pa.
A.B. (Ursinus College), Psychology, Education.	
Kerrick, Frederick Byron	Towanda, Pa.
B.S. (Mansfield State Teachers College), Education.	
Kimler, Verna Maurine	Miami, Fla.
A.B. (Knox College), Education.	
Klein, James Raymond	Baltimore, Md.
A.B. (Duke), Biochemistry.	
Knappe, Arthur John	Defiance, Ohio
B.S. (Bowling Green State), Sociology, Education.	
Knight, Lofton Lacie	Buechel, Ky.
A.B. (Western Kentucky State Teachers College), Economics.	
Kuhn, Robert Elwood	Charleston, W. Va.
A.B. (Marshall College), Education, Economics.	
Landrum, Louella	Clinton, Miss.
A.B. (Mississippi College), English.	
Lane, James Frank, Jr.	Goldsboro, Md.
A.B. (University of Maryland), Education, History.	
Lansdell, Emily Kilpatrick	Hephzibah, Ga.
A.B. (Coker College), English.	
Lawrie, David Edward	Ellet, Ohio
B.S. (University of Florida), Economics, Education.	
Ledbetter, Jap	Shelby, N. C.
A.B. (Duke), Education.	
Lee, Emily Markham	Graham, N. C.
B.S. (George Peabody College), English.	
Leenhouts, Laura Nelja	Miami, Fla.
A.B. (Florida State College for Women), Education.	
Levett, Ella Pettit	Charleston, S. C.
B.S. (College of Charleston), A.M. (University of South Carolina), History.	
Lewis, James Howard	Greenwood, Miss.
B.S. (Millsaps College), Education, Psychology.	

- Lindsay, Charles Stuart
B.S. (Geneva College), Education. Monaca, Pa.
- Lord, Charles Amon
A.B. (Shepherd State Teachers College), Education, History. Martinsburg, W. Va.
- Lynn, Willie Louis, Jr.
A.B. (Lynchburg College), Education. Clifton Forge, Va.
- McAllister, Birdie
A.B. (University of Georgia), Botany. Miami, Fla.
- McCord, William Fletcher
A.B. (Mercer), Psychology. Macon, Ga.
- McFarlane, Margaret
A.B. (Mississippi State College for Women), English. Drew, Miss.
- McGhee, Grant Oliver
A.B. (Emory and Henry College), Education. Airpoint, Va.
- McKnight, Cleveland Brown
A.B. (Emory), Education. Jacksonville, Fla.
- McKown, Paul
A.B. (Princeton), A.M., Ph.D. (University of Pennsylvania), Education. Martinsburg, W. Va.
- McLellan, Louise Gregorie
A.B. (Winthrop College), Education. Sumter, S. C.
- Mackanic, Katherine Lucile
A.B. (Allegheny College), Romance Languages, English. McKeesport, Pa.
- Marchman, Watt Pearson
A.B. (Rollins College), History. Winter Park, Fla.
- Marshall, Clarence William
B.S. (Grove City College), Education. Dayton, Pa.
- May, William Henry
A.B. (Duke), Education. Durham, N. C.
- Mercer, Julia
A.B. (Bessie Tift College), English. Columbus, Ga.
- Merriman, Charles Milton
B.S. (Carnegie Institute of Technology), Education. Wilmerding, Pa.
- Michel, Harry Oscar
B.S. (University of California), Biochemistry. San Andreas, Calif.
- Middlebrooks, Mary Lillian
A.B. (Agnes Scott College), A.M. (Emory), Political Science. East Point, Ga.
- Miller, Paul
(U. S. Naval Academy), Mathematics. Walterboro, S. C.
- Mitchell, Edna Mae
A.B. (Morehead State Teachers College), Education, English. Wurtland, Ky.
- Mitchell, Eunice Virginia
A.B. (Morehead State Teachers College), Education, Economics. Wurtland, Ky.
- Mitchell, Lucy May
B.S. (University of Pittsburgh), Education. Mahaffey, Pa.
- Moler, James Milton
A.B. (Berea College), History, Education. Charles Town, W. Va.
- Moore, Eugene Robert
A.B. (Trinity), English. Mineral Wells, Texas
- Moore, John Burchell
A.B., A.M. (University of South Carolina), English. Augusta, Ga.
- Morrison, Harvey Louie
A.B. (Davidson College), Education. Mooresville, N. C.
- Motley, Everett Lyle
A.M. (Lynchburg College), Education. Clifton Forge, Va.
- Munsey, Lassie May
A.B. (University of Chattanooga), Political Science, Economics. Chattanooga, Tenn.

Myers, Carl Francis, Jr. B.S. (The Citadel), Mathematics.	Charleston, S. C.
Nash, Loy Arthur A.B. (Duke), Education.	Durham, N. C.
Noll, Robert Roscoe B.S. (Pennsylvania State College), Education, History.	Llewellyn, Pa.
Ostwalt, Jay Harold A.B. (Davidson College), Education.	Statesville, N. C.
Owen, Ray Anderson A.B. (Mississippi College), Education.	Jacksonville, Fla.
Pafford, Julian Aubrey B.S. (South Georgia Teachers College), Education, History.	Douglas, Ga.
Pafford, Waldo Cecil B.S. (South Georgia Teachers College), Education.	Rocky Ford, Ga.
Painter, Edward Jackson B.S. (East Tennessee State Teachers College), Education.	Northfork, W. Va.
Palmer, Grover Winfield A.B. (Wofford College), Education, Economics.	Greenville, S. C.
Parker, Anne Elizabeth A.B. (University of Chattanooga), Romance Languages.	Chattanooga, Tenn.
Perkins, Lindsey Saunders A.B. (University of Florida), English, Education.	Pine Castle, Fla.
Permenter, Walter Newton B.S. (Millsaps College), Psychology, Education.	Jackson, Miss.
Pfaff, Virginia A.B. (Alabama College), English.	Birmingham, Ala.
Phelps, George Thomas B.S. (Bethany College), Education.	New Castle, Pa.
Phillips, Paul L. A.B. (Morris Harvey College), Political Science.	Belington, W. Va.
Piedra, Harry Tiburt A.B. (Bowdoin College), English.	Tampa, Fla.
Pittman, Ernest A.B. (Furman), Economics.	Tigerville, S. C.
Plymale, Pearl Boggess A.B. (Marshall College), Education.	Charleston, W. Va.
Plymale, Rexford Puryear A.B. (Marshall College), Education.	Charleston, W. Va.
Polk, Alice Morella A.B. (Winthrop College), English.	Charlotte, N. C.
Porter, Helen Elizabeth A.B. (Flora Macdonald College), English.	Clinton, S. C.
Porter, Julia Adeline A.B. (Flora Macdonald College), Romance Languages.	Clinton, S. C.
Powell, Caroline Egerton A.B. (Elon College), Botany.	Warrenton, N. C.
Price, Albert Lee A.B. (Milligan College), Botany.	Erwin, Tenn.
Priester, H. F., II A.B. (University of Florida), Education.	Lake Butler, Fla.
Pugh, Griffith Thompson, Jr. A.B., A.M. (University of South Carolina), English.	Bishopville, S. C.
Purcell, James Slicer, Jr. A.B. (John B. Stetson), English.	Largo, Fla.
Randle, Clinton Wilson A.B. (Duke), Sociology, Economics.	Hickman, Ky.

- Rawl, William Asmann, Jr.
A.B. (The Citadel), Education. Batesburg, S. C.
- Ray, Cora Miller
A.B. (Baylor College), History. Belton, Texas
- Reavis, Rebecca Ann
A.B. (Southern Methodist), Education. Yadkinville, N.C.
- Redman, Robert Brittain
A.B. (Swarthmore College), Economics. Athens, Pa.
- Reid, Robert Harding
A.B. (Davidson College), History. Reidville, S. C.
- Rein, William Christopher
A.B. (Western Maryland College), Education. Cumberland, Md.
- Reinhardt, Clyde
B.S. (Huntingdon College), Education. Ashburn, Ga.
- Renfroe, Carl Gilbert
B.S. (Emory), Psychology, Education. Statesboro, Ga.
- Richmond, John Ashley
A.B. (Emory and Henry College), Education. Jonesville, Va.
- Riddle, Charles Dayton
A.B. (Howard College), M.S. (University of Chicago), Zoology. Greenville, S. C.
- Roberson, Elva Marion
A.B. (Bessie Tift College), History. Jacksonville, Fla.
- Robinson, Frances
A.B. (Union College), Sociology. Newport, Ky.
- Robinson, John Relmon
B.S. (Furman), Education. Wrightsville Beach, N. C.
- Roehm, Albert David
B.S. (Millersville State Teachers College), Education, History. Chester, Pa.
- Rollins, Roy Eugene
A.B. (Elon College), History. Salisbury, N. C.
- Ross, William Alexander
B.S. (Juniata College), Education. McAlevy's Fort, Pa.
- Rosser, Lillian Evelyn
A.B. (Tulane), Education, History. Miami, Fla.
- Rucker, Edith Wall
A.B. (Queens-Chicora College), History. Anderson, S. C.
- Rudolph Alton Dual
A.B. (Western Kentucky State Teachers College), Political Science. Paducah, Ky.
- Ruff, Hazel Shelton
A.B. (Mississippi State College for Women), History. Jackson, Miss.
- Saez, Mercedes de los Angeles
A.B. (Temple), A.M. (University of Puerto Rico), English. Santurce, Puerto Rico
- Sanders, Martha
B.S. (University of Alabama), English. Troy, Ala.
- Satterfield, George Howard
A.B., A.M. (Duke), B.S. (University of North Carolina), Biochemistry. Raleigh, N. C.
- Schuyler, Mary Freas
B.S. (Bloomsburg State Teachers College), Education. Bloomsburg, Pa.
- Scott, George Milton
A.B. (Chattanooga), B.Lit. (Columbia), A.M. (Duke), English. Augusta, Ga.
- Scott, Worthy Kincaid, Jr.
B.S. (Waynesburg College), Political Science, Economics. Waynesburg, Pa.
- Shaw, Martha Luelle
A.B. (Duke), English. Miami, Fla.

Shelton, Eleanor Elizabeth	Washington, N. C.
A.B. (Woman's College of the University of North Carolina), Psychology, Education.	
Shields, Margaret Virginia	Brandon, Miss.
A.B. (Belhaven College), English.	
Shockloss, Michael Daniel	Swoyerville, Pa.
B.S. (East Stroudsburg State Teachers College), Education.	
Sims, Mildred Elizabeth	North Charleston, S. C.
B.S. (College of Charleston), Education.	
Smith, Allen Candler	Decatur, Ga.
A.B. (University of Georgia), History.	
Smith, Alva Lee	Norfolk, Va.
B.S. (Virginia Polytechnic Institute), Mathematics.	
Smith, Jessie Beatrice	Belton, S. C.
A.B. (Greenville Woman's College of Furman University), English.	
Smith, Margaret McMillan	Gainesville, Fla.
A.B. (Florida State College for Women), Education.	
Smith, Oscar	Palmetto, Fla.
A.B. (North Georgia College), Education.	
Smith, Pauline Duggan	Delaware City, Del.
A.B. (Bessie Tift College), English.	
Smith, Wilbur Franklin	Delaware City, Del.
A.B. (Mercer), M.Ed. (Duke), Education.	
Smitherman, Ralph Jesse	East Bend, N. C.
B.S. (Appalachian State Teachers College), Education.	
Snyder, Anna Jane	Huntingdon, Pa.
A.B. (Juniata College), English.	
Spainhour, Richard Edward	Lenoir, N. C.
A.B. (Maryville College), Education, History.	
Spangler, Arthur Hodson	Peterstown, W. Va.
A.B. (Concord State Teachers College), Education.	
Spencer, Dale Kirk	Grassy Creek, N. C.
A.B. (Davidson College), Education, Psychology.	
Spencer, John Corson	Guinea Mills, Va.
A.B. (University of Richmond), Education.	
Steelman, Ruth Amber	Hickory, N. C.
A.B. (Lenoir-Rhyne College), Education.	
Stephens, James Kenneth	Apex, N. C.
B.S. (North Carolina State College), History.	
Stone, Henry Clarence	Shallotte, N. C.
B.S. (North Carolina State College), Education, Economics.	
Stone, Tecoa Elizabeth	Williamston, S. C.
A.B. (Winthrop College), English.	
Stover, Kermit Martin	Lock Haven, Pa.
B.S. (Lock Haven State Teachers College), Psychology.	
Strange, Reuben Turner	Durham, N. C.
A.B. (Wake Forest College), Education.	
Strickland, Cecil Calvert	Clendenin, W. Va.
A.B. (Glenville State Teachers College), M.S. (West Virginia), Botany.	
Stumpf, Phillip Quay	Lancaster, Pa.
A.B. (Franklin and Marshall College), Sociology, History.	
Sturm, Albert Lee, Jr.	Appalachia, Va.
A.B. (Hampten-Sydney College), Education.	
Sumner, Thelma Roberts	Tampa, Fla.
A.B. (Florida State College for Women), English.	
Swanger, Harry Joseph	Lebanon, Pa.
B.S. (Lebanon Valley College), Education.	

- Swim, Riley Cecil
A.B. (Emory and Henry College), Economics, Education. Beckley, W. Va.
- Tarrall, Elmer
A.B. (Duke), Education. Norfolk, Va.
- Taylor, Paul Richard
A.B. (Elon College), Religion. Lewisville, N. C.
- Terry, Charles Edwin, Jr.
B.S. (University of Florida), Education, Psychology. Winter Park, Fla.
- Tew, Thelma Pearle
A.B. (Florida State College for Women), Psychology, Education. Sanford, Fla.
- Togneri, Lila Clementine
A.B. (Winthrop College), Education, Psychology. Graniteville, S. C.
- Triplett, Edna Bernadine
A.B. (Queens-Chicora College), A.M. (Duke), English. Charlotte, N. C.
- Truesdale, Edred
A.B. (University of South Carolina), Education. Kershaw, S. C.
- Tucker, Grace
A.B. (Winthrop College), English. Sumter, S. C.
- Tyler, Karlie Reed
B.S. (Florida State College for Women), Education. Glen Saint Mary, Fla.
- Uhler, Katherine
L. es L. (Sorbonne, Paris, France), Romance Languages. Charlotte, N. C.
- Van Hook, Benjamin Ormond
A.B. (Millsaps College), A.M. (Vanderbilt), Mathematics. Jackson, Miss.
- Vernon, Sarah Elizabeth
A.B. (Meredith College), Political Science. Burlington, N. C.
- Vince, James Jack
Ph.B. (John Carroll), Sociology, History. Cleveland, Ohio
- Wagner, Carl Leon
A.B. (University of Miami), Political Science. Homestead, Fla.
- Waite, Edwin Emerson
B.S. (Middlebury College), Sociology. Framingham, Mass.
- Wake, Orville Wentworth
A.B. (Lynchburg College), Education. Middletown, Va.
- Walter, Selwyn Bernard
B.S. (Ohio State), History. Edon, Ohio
- Walters, Eleanor Boyd
B.S. (Mississippi Delta State Teachers College), Mathematics. Gunnison, Miss.
- Warren, John Sharpe
A.B. (Millsaps College), B.D., A.M. (Emory), Psychology, Education. Wrens, Ga.
- Watson, Florence Kathleen
B.S. (Harrisonburg State Teachers College), English. Charleston, W. Va.
- Weldon, William Heathley
A.B. (Presbyterian College), Education. Abbeville, S. C.
- White, Fannie Belle
A.B. (Columbia College), A.M. (University of South Carolina), History. Columbia, S. C.
- White, Frank Dudley
A.B. (Randolph-Macon College), Education. Linden, Va.
- Williams, Ellis Downing
B.S. (Mansfield State Teachers College), Education. Clark's Summit, Pa.
- Wilson, John Woodrow
B.S. (Duke), Zoology. Durham, N. C.
- Withers, Clarence Maxwell
A.B. (Marshall College), Education. Huntington, W. Va.
- Young, Valla Evelyn
A.B. (Western Kentucky State Teachers College), English. Newport, Ky.

Zimmerman, Carroll Louis
A.B. (Miami), Physics.

Miamisburg, Ohio

JUNALUSKA SUMMER SCHOOL OF 1936

Beck, Carol Harriët
B.S., M.S. (Purdue), Botany.

Whistler, Ala.

Clabough, Hugh Carter
A.B. (Maryville College), Botany.

Chattanooga, Tenn.

Dowdy, Edna Lanette
A.B. (Greensboro College), Botany.

Greensboro, N. C.

Marshall, Clarence William
B.S. (Grove City College), Botany.

Dayton, Pa.

McAllister, Birdie
A.B. (University of Georgia), Botany.

Miami, Fla.

Myers, Dorothy Elizabeth
B.S. (Pennsylvania State College), Botany.

Dickinson, Pa.

Noell, Julia Anna
B.S. (Kansas State College), Botany.

Syracuse, Kan.

Pyron, Joseph Hicks
A.B. (University of Georgia), M.S. (Duke), Botany.

Athens, Ga.

Smith, Ruth Bryan
B.S. (Pennsylvania State College), Botany.

Dawson, Pa.

Taylor, Noel Alexander
B.S. (Shippensburg State Teachers College), Botany.

Williamstown, Pa.

Williams, Annie John
A.B. (Greensboro College), Botany.

Reidsville, N. C.

Wright, Audrey Adele
B.S. (University of Louisville), Botany.

Louisville, Ky.

THE SCHOOL OF LAW

FIRST YEAR

Betts, Willard Furman, Jr.
A.B., University of North Carolina, 1936.

Raleigh, N. C.

Bogue, Robert William
Leland Stanford University, 1932-33; University of South Dakota, 1933-35; B.A., University of Wisconsin, 1936.

Parker, S. D.

Bomar, Fleming Brown
A.B., Wofford College, 1936.

Spartanburg, S. C.

Books, John Wesley
Duke University, 1933-36.

Haddon Heights, N. J.

Brightman, Charles Kent Lucas
Carnegie Institute of Technology, 1932-33; B.A., Pennsylvania State College, 1936.

Carnegie, Pa.

Burwell, George Allen
Duke University, 1933-36.

Warrenton, N. C.

Carden, Russell Campbell
Duke University, 1933-36.

Chattanooga, Tenn.

Cooley, Edward William
A.B., Duke University, 1936.

Wheeling, W. Va.

Deneen, Russell Sanders
Duke University, 1933-36.

Bakersville, N. C.

Desvernine, Eugene
Duke University, 1933-36.

Buen Retiro, Marianao,
Havana, Cuba

Eaton, James Dunn
University of Michigan, 1927-29; B.S. in Education, Kent State College, 1932.

Cleveland, O.

- Ford, Evan Perfect
B.A., Ohio State University, 1936. Columbus, O.
- Forsythe, John Samuel
Geneva College, 1933-36. Rocky Mount, Va.
- Friedlander, Irwin
Duke University, 1933-36. Moultrie, Ga.
- Gibbs, Charles Haskell
A.B., College of Charleston, 1936. Charleston, S. C.
- Green, John Oliver
Mars Hill College, 1932-34; B.A., University of Richmond, 1936. Nathalie, Va.
- Griffith, Erma Ellen
Duke University, 1933-36. Lebanon, Va.
- Hoffman, John Edward
Duke University, 1933-36. Fort Wayne, Ind.
- Kay, Robert Eynón
Duke University, 1933-36. Wildwood, N. J.
- Knapp, James Edward
Duke University, 1933-36. Irasburg, Vt.
- Levy, Sidney Zackery
B.A., Pennsylvania State College, 1936. Scranton, Pa.
- Lowe, James Russell
A.B., Duke University, 1936. Elon College, N. C.
- McLean, George Roberts, Jr.
A.B., Lafayette College, 1936. Wilkes-Barre, Pa.
- Mann, Oliver DeWitt
A.B., Duke University, 1936. Whitakers, N. C.
- Margraf, Gustav Benhart
A.B., Southeast Missouri State Teachers College, 1936. Cape Girardeau, Mo.
- Maxwell, Lylton Ethridge
A.B., Duke University, 1936. Pink Hill, N. C.
- Meyerson, Stanley Phillip
Georgia School of Technology, 1933-34; Duke University, 1934-36. Spartanburg, S. C.
- Moose, William Lewis, III
Hendrix College, 1932-34; University of Virginia, 1934-35; B.A., Hendrix College, 1936. Little Rock, Ark.
- Morrah, Patrick Bradley, Jr.
A.B., The Citadel, 1936. Greenville, S. C.
- Oakes, John Campbell
B.S., State Teachers College, of Tennessee, 1936. Johnson City, Tenn.
- Page, Hugh Alexander, Jr.
Duke University, 1932-36. Clayton, N. C.
- Penabaz, Fernando J.
Duke University, 1933-36. Jobabo, Oriente, Cuba
- Powell, Rufus Heflin, III
A.B., Duke University, 1936. Durham, N. C.
- Queen, Mary Kathryn
Duke University, 1932-35. Waynesville, N. C.
- Reid, Edwin Kitchen
A.B., Syracuse University, 1936. Albany, Ga.
- Renner, Charles Victor
A.B., Marietta College, 1936. Parkersburg, W. Va.
- Sanders, Richard Tatum
Austin College, 1931-32; A.B., Baylor University, 1935. Sherman, Tex.
- Striffler, John Edward
A.B., Wagner Memorial Lutheran College, 1936. Jackson Heights, N. Y.

Tomlinson, Benson Cahoon	Fornfelt, Mo.
Southeast Missouri State Teachers College, 1933-36.	
Turlington, David James, Jr.	Clinton, N. C.
Duke University, 1933-36.	
Wilson, Donald Ross	Long Island, N. Y.
Duke University, 1933-36.	
Womble, William Fletcher	Winston-Salem, N. C.
Duke University, 1933-36.	
Wright, Walter Caldwell, Jr.	Wenonah, N. J.
Duke University, 1933-36.	
Zimmerman, Delia Miller	Durham, N. C.
Kansas City Junior College, 1918-19; A.B., University of Missouri, 1924.	

SECOND YEAR

Bulleit, Edward Banister	Gettysburg, Pa.
A.B., Gettysburg College, 1935.	
Butterfield, Thomas Edward, Jr.	Bethlehem, Pa.
A.B., Lehigh University, 1935.	
Cady, Frederick Clayson	Syracuse, N. Y.
A.B., Duke University, 1936.	
Cann, Richard McDonald	Greensboro, N. C.
Davidson College, 1932-34; A.B., Duke University, 1936.	
Cleveland, Theron Clair, Jr.	Greenville, S. C.
A.B., Duke University, 1935.	
Hill, Harry Weller	Williamson, W. Va.
University of Alabama, 1932-33; Marshall College, 1933-35.	
Lewis, William Allen	Durham, N. C.
A.B., Duke University, 1936.	
Littell, Duane Oliver	Beaver Falls, Pa.
B.A., Geneva College, 1934.	
Marks, Morris Steinberg	Augusta, Ga.
A.B., Duke University, 1935.	
Matthews, John Frederick	Louisburg, N. C.
Wake Forest College, 1930-33.	
Sapp, James Everett, Jr.	Albany, Ga.
A.B., Duke University, 1935.	
Schain, Joseph Morris, Jr.	Berwick, Pa.
A.B., Lafayette College, 1935.	
Sears, Howard Jones	Chattanooga, Tenn.
A.B., University of the South, 1935.	
Spencer, Harold Winston	Willow Grove, Pa.
A.B., Lafayette College, 1935.	
Stuart, Carmon Jackson	Jefferson, N. C.
B.S., Appalachian State Teachers College, 1935.	
Turpit, William James	Hastings, Neb.
Duke University, 1932-35.	
Warren, Charles Ransome, Jr.	Chatham, Va.
A.B., Duke University, 1936.	
Wyman, Paul B.	Kalamazoo, Mich.
Kalamazoo College, 1932-35.	
Young, Charles Holt	Raleigh, N. C.
A.B., Duke University, 1935.	

THIRD YEAR

- Albrink, Frederick Stockman
A.B., Oberlin College, 1934.
- Baird, William Jesse, II
A.B., Berea College, 1934.
- Brooks, Arthur Alford, Jr.
B.A., Coe College, 1934.
- Brownfield, Lyman Hugh
B.A., Mount Union College, 1934.
- Fay, John Richard
B.S., Albright College, 1934.
- Haley, James Meredith
B.A., University of Chattanooga, 1934.
- Henderson, David Henry
A.B., Duke University, 1935.
- Holland, John Mack, Jr.
B.S., Davidson College, 1934.
- Hunter, Ethel Farley
A.B., West Virginia University, 1935; West Virginia University, School of Law, 1934-35.
- Kiefer, Richard Wagner
B.A., Western Maryland College, 1934.
- Lanier, Helen Lucile
A.B., Whitman College, 1934.
- Leathers, Harland Francis
A.B., University of Maine, 1935.
- Lybrook, William Reynolds
A.B., Duke University, 1934.
- McConnell, John Daniel
B.S., Davidson College, 1932.
- McCown, Hale
A.B., Hastings College, 1935.
- Nissen, Carl Hans
B.A., Wesleyan University, 1934.
- Nixon, Richard Milhous
A.B., Whittier College, 1934.
- Perdue, William R., Jr.
A.B., Emory University, 1934.
- Phillips, Caroline Mary
A.B., Duke University, 1935.
- Smith, Emma Lee
A.B., Duke University, 1928.
- Stoel, Thomas Burrows, Jr.
A.B., Hobart College, 1934.
- Troxler, Therman Joseph
A.B., Duke University, 1933.
- Washburn, William Edward
A.B., Tusculum College, 1931.
- Whitener, Basil Lee
Rutherford College; University of South Carolina, 1933-34; University of South Carolina School of Law, 1934-35.
- Williams, Glenn Davis
A.B., Duke University, 1934.
- Napoleon, O.
Berea, Ky.
Cedar Rapids, Ia.
Columbus, O.
Norwalk, Conn.
Chattanooga, Tenn.
Charlotte, N. C.
Gastonia, N. C.
Welch, W. Va.
Catonsville, Md.
Walla Walla, Wash.
Bangor, Me.
Advance, N. C.
Durham, N. C.
Beatrice, Neb.
Meriden, Conn.
Whittier, Calif.
Macon, Ga.
Lexington, N. C.
Durham, N. C.
Clayton, N. Y.
Elon College, N. C.
Bridgeport, Conn.
Gastonia, N. C.
Fayetteville, Tenn.

GRADUATE STUDENTS

- Harmon, John Calvin, Jr. Leland, N. C.
Wofford College, spring term, 1928; A.B., Duke University, 1931; LL.B., Duke University School of Law, 1935.
- Moyle, Samuel B. Columbia, S. C.
Trinity College, 1912-14; Washington and Lee University, 1915-16; University of South Carolina School of Law, 1933-36; Duke University School of Law, second semester, 1935-36.
- Sargeant, Daniel Trigg Norfolk, Va.
A.B., College of William and Mary, 1936; LL.B., Georgetown University School of Law, 1935.

UNCLASSIFIED STUDENTS

- Day, Katharine Bolt Durham, N. C.
Greenville Woman's College, 1924-27; B.S. in Library Science, Simmons College, 1928.
- Long, Marianna Statesville, N. C.
A.B., Woman's College of University of North Carolina, 1927; B.S. in Library Science, Emory University, 1928.
- Wright, DeWitt Wenona, Ill.
University of Illinois, 1917-18; B.S., Northwestern University, 1923; J.D., Northwestern University Law School, 1926.

THE SCHOOL OF MEDICINE

FIRST YEAR

- | <i>Name and Preparation</i> | <i>Home Address</i> | <i>University Address</i> |
|---|-------------------------|---------------------------------------|
| Norman LaRue Anderson.....
<i>Duke University.</i> | Durham, N. C..... | 2404 Club Boulevard,
Durham, N. C. |
| Vernon Liles Andrews.....
<i>Duke University.</i> | Mount Gilead, N. C..... | Duke University,
House V. |
| Frederick Henry Andrus.....
<i>Akron University;
Duke University.</i> | Elizabeth, N. J..... | Duke University,
House A. |
| Waldo Otis Badgley.....
<i>General Motors Institute of Technology;
Michigan State College.</i> | East Lansing, Mich..... | 1207 N. Mangum St.,
Durham, N. C. |
| Fred Nelson Baeder.....
<i>Duke University.</i> | Nutley, N. J..... | Duke University,
House A. |
| Oliver Jerome Bateman, Jr.....
<i>Duke University.</i> | Byron, Ga..... | Duke University,
House D. |
| William Hegley Bonser.....
<i>Yale University.</i> | Toledo, Ohio..... | 905 Second St.,
Durham, N. C. |
| Ivan Willard Brown, Jr.....
<i>University of Rochester.</i> | Newfane, N. Y..... | 208 Buchanan Road,
Durham, N. C. |
| R. Brown.....
<i>Rollins College.</i> | Beatrice, Neb..... | 1003 Monmouth Ave.,
Durham, N. C. |
| William Keefer Brumbach.....
<i>Duke University.</i> | Belleville, N. J..... | Duke University,
House I. |
| Robert vanLiew Campbell.....
<i>University of Maryland.</i> | Hagerstown, Md..... | 918 Urban Ave.,
Durham, N. C. |
| Sizer Chambliss.....
<i>University of Chattanooga;
Duke University.</i> | Chattanooga, Tenn..... | Duke University,
House Q. |
| Cecil Curtis Collins, Jr.....
<i>Marion Institute;
Duke University.</i> | Jacksonville, Fla..... | Duke University,
House C. |

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Victor Conforti.....	Torrington, Conn.....	208 Buchanan Road, Durham, N. C.
Harry Stough Etter.....	Shippensburg, Pa.....	Duke University, House T.
Richard Webster Finner.....	Tallahassee, Fla.....	611 Watts St., Durham, N. C.
William Henry Fisher, Jr.....	Centreville, Md.....	Duke University, House I.
Joseph B. Ford, Jr.....	Savannah, Ga.....	Duke University, House I.
William Henry Fulmer.....	Savannah, Ga.....	1506 Duke University Road, Durham, N. C.
James Orville Fulton.....	Dunns Station, Pa.....	208 Buchanan Road, Durham, N. C.
Julius Joyce Gibbons, Jr.....	Wilson, N. C.....	Duke University, House A.
Stephen Arnold Ginn.....	Royston, Ga.....	1200 College Road, Durham, N. C.
David Watson Goddard.....	Portsmouth, Ohio.....	1103 N. Gregson St., Durham, N. C.
Risley Frith Haines.....	Bayamo, Cuba.....	Duke University, House V.
Leroy Day Harshman.....	Fredericktown, Pa.....	1801 Lakewood Ave., Durham, N. C.
Willis Wilbur Harris.....	Bee Ridge, Fla.....	611 Watts St., Durham, N. C.
Cecil Jennings Hawes.....	Conway, S. C.....	1506 Duke University Road, Durham, N. C.
William Carter Hawkins.....	West Asheville, N. C.....	1004 Minerva Ave., Durham, N. C.
Joseph Spurgeon Hiatt, Jr.....	Lenoir, N. C.....	Duke University, House A.
Rolf Elmo Johnson.....	Harrisburg, Pa.....	307 Gregson St., Durham, N. C.
James Woodruff Kelley.....	Wilmington, Del.....	1000 Lamond Ave., Durham, N. C.
George Harold Kostant.....	Brooklyn, N. Y.....	1008½ Gloria Ave., Durham, N. C.
Harold Hunter Kuhn.....	Charleston, W. Va.....	Duke University, House A.
Tarcila Laperal.....	Manila, P. I.....	308 Faculty Apartments, Durham, N. C.
Jessica Helen Lewis.....	Baltimore, Md.....	215 Faculty Apartments, Durham, N. C.
Stanley Joseph Lourdeaux.....	San Francisco, Calif.....	Duke University, Epworth.
Paul Franklin Maness.....	Yanceyville, N. C.....	Duke University, House I.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
George Margolis..... <i>Johns Hopkins University.</i>	Montgomery, W. Va...	1022 W. Trinity Ave., Durham, N. C.
Lester Henry Margolis..... <i>Johns Hopkins University.</i>	Montgomery, W. Va...	1022 W. Trinity Ave., Durham, N. C.
Michael George Herschell McPharlin	Belmont, Mass.....	2138 Myrtle Drive, Duke University Campus.
<i>Bowdoin College; Duke University; University of Heidelberg.</i>		
Robert Plato Miller.....	Lincolnton, N. C.....	Duke University, House A.
<i>Duke University.</i>		
Wardell Hardee Mills.....	Greenville, N. C.....	Duke University, House B.
<i>East Carolina Teachers College; University of North Carolina.</i>		
John Edward Moss.....	Mobile, Ala.....	Duke University, House A.
<i>Duke University.</i>		
Elliot Rector Motley, Jr.....	Charlotte, N. C.....	Duke University, House B.
<i>Davidson College; University of North Carolina.</i>		
Douglas Stephen Nisbet.....	Philadelphia, Pa.....	Duke University, Epworth.
<i>University of Pennsylvania; Duke University.</i>		
Robert Read Nixon.....	San Antonio, Texas.....	Duke University, House A.
<i>University of Texas; St. Mary's University of San Antonio.</i>		
Joseph Freeman Paquet.....	Portland, Oregon.....	Duke University, House A.
<i>University of Oregon; University of Idaho; Duke University.</i>		
Pierre Patillo Poole.....	Cross Anchor, S. C...1506	Duke Univ. Road, Durham, N. C.
<i>John B. Stetson University.</i>		
Rufus Winston Roberts.....	Birmingham, Ala.....	Duke University, Southgate.
<i>Duke University.</i>		
Robert Thornton Rutherford, Jr..	Charlotte, N. C.....	Duke University, House B.
<i>Duke University.</i>		
David Najeeb Saleeby.....	Monroe, N. C.....	Duke University, House C.
<i>Wingate Junior College; Duke University.</i>		
Clarence Joseph Sapp.....	Albany, Ga.....	Duke University, House I.
<i>Duke University.</i>		
Richard Allen Shields, Jr.....	Lewes, Del.....	Duke University, House C.
<i>Duke University.</i>		
Patti Marie Sills.....	Nashville, N. C.....706	Buchanan Road, Durham, N. C.
<i>Duke University.</i>		
Paul Ervin Simpson.....	Ridgewood, N. J.....307	Gregon St., Durham, N. C.
<i>Muhlenberg College; Duke University.</i>		
George Arthur Sotirion.....	Nashua, N. H.....406	Buchanan Road, Durham, N. C.
<i>Johns Hopkins University.</i>		
Ross Clarence Speir, Jr.....	Birmingham, Ala.....	Duke University, Southgate.
<i>Duke University.</i>		
Willie Cashwell Spence, Jr.....	Goldsboro, N. C.....808	Yancey St. Durham, N. C.
<i>Wake Forest College; Duke University.</i>		
Howard Paul Steiger.....	Williamsport, Pa.....	Duke University, House C.
<i>Bucknell University; Duke University.</i>		

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Harvey Grant Taylor..... <i>San Jose State College;</i> <i>Stanford University.</i>	Los Angeles, Calif.....	Duke University, Southgate.
James Lyman Tullis..... <i>Rollins College.</i>	Cleveland, Ohio.....	1013 Monmouth Ave., Durham, N. C.
James Arthur Tupper..... <i>University of Washington.</i>	Seattle, Wash.....	1010 Markham Ave., Durham, N. C.
William Lucas Venning, Jr..... <i>Duke University;</i> <i>Harvard.</i>	Greensboro, N. C.....	2121 W. Pettigrew St., Durham, N. C.
Robert Eugene Walsh..... <i>Duke University.</i>	Elmira, N. Y.....	Duke University, House CC.
Jack Hamill Welch..... <i>Ohio State University.</i>	Columbus, Ohio.....	603 Watts St., Durham, N. C.
Ethel Adele Weyant..... <i>Adelphia College;</i> <i>Duke University.</i>	Long Island, N. Y.....	150 Pinecrest Road, Durham, N. C.
Richard Bidgood Whitaker, Jr..... <i>Duke University.</i>	Whiteville, N. C.....	1200 College Road, Durham, N. C.
Robert Macon Whitley, Jr..... <i>Louisburg College;</i> <i>Duke University.</i>	Stantonsburg, N. C.....	Duke University, House A.
Robert Cary Wood..... <i>Duke University.</i>	Lewisburg, W. Va.....	812 Anderson St., Durham, N. C.
William Egleston Woodruff..... <i>Duke University.</i>	Winston-Salem, N. C.....	Mrs. Robinson's residence, Duke University, East Campus.

SECOND YEAR

Felix M. Adams, Jr..... <i>Oklahoma A. and M. College.</i>	Vinita, Okla.....	Duke University, House B.
Paul Rex Beach..... <i>Virginia Polytechnic Institute.</i>	War, West Va.....	Duke University, House A.
Robert Martin Biddle..... <i>Northwestern University;</i> <i>Duke University.</i>	Parkersburg, West Va....	1006 Dacian Ave., Durham, N. C.
Kenneth Morton Bremer..... <i>Hamilton College;</i> <i>Columbia University.</i>	Maplewood, N. J....	1515 W. Pettigrew St., Durham, N. C.
Charles Pardue Bunch..... <i>Duke University.</i>	Statesville, N. C.....	2102 Erwin Road, Durham, N. C.
James Merryman Burk..... <i>University of Indiana.</i>	Decatur, Ind.....	916 Markham Ave., Durham, N. C.
Gordon Gayton Carmichael..... <i>Rose Polytechnic;</i> <i>Indiana State University.</i>	Terre Haute, Ind.....	112 Buchanan Road, Durham, N. C.
David Cayer..... <i>Duke University.</i>	Elizabeth, N. J.....	916 Markham Ave., Durham, N. C.
Orville Merton Chickering..... <i>Albion College.</i>	Albion, Mich.....	Duke University, House C.
Frank Harold Crosby..... <i>University of Illinois.</i>	Champaign, Ill.....	Duke University, House A.
John Munroe Douglas..... <i>Davidson College.</i>	Davidson, N. C.....	402 Watts St., Durham, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Jere Robert Downing..... <i>Duke University;</i> <i>University of New Hampshire.</i>	Kennebunk, Maine.....	Aycock Apts., Durham, N. C.
Ernest Brindley Dunlap, Jr..... <i>Duke University.</i>	Lawton, Okla.....	1006 Dacian Ave., Durham, N. C.
Archie Yelverton Eagles..... <i>Duke University.</i>	Wilson, N. C.....	Medical School.
William Fox Eckbert..... <i>University of Delaware.</i>	Hanover, Pa.....	208 Buchanan Road, Durham, N. C.
Arnold Lewis Field..... <i>Johns Hopkins University.</i>	Schenectady, N. Y....	208 Buchanan Road, Durham, N. C.
William Victor Haymond..... <i>University of Utah.</i>	Garfield, Utah.....	208 Buchanan Road, Durham, N. C.
Curtis Carrington Heames..... <i>Capital University.</i>	Youngstown, Ohio.....	Duke University, House A.
Harold Barker Kernodle..... <i>Duke University.</i>	Elon College, N. C.....	Duke University, House A.
John Robert Kernodle..... <i>Elon College.</i>	Burlington, N. C.....	214 Hargrove St., Durham, N. C.
Robert Dumais Kornegay..... <i>Davidson College.</i>	Rocky Mount, N. C.....	Duke University, House B.
Charles Larsen, Jr..... <i>University of Florida.</i>	Lakeland, Fla.....	208 Buchanan Road, Durham, N. C.
Charles Wells Latchem..... <i>St. Ambrose College;</i> <i>Duke University.</i>	Washington, Iowa.....	Watts St., Durham, N. C.
Robert Carl Lincicome..... <i>Marietta College.</i>	Marietta, Ohio.....	1302 Broad St., Durham, N. C.
Paul Warren Lucas..... <i>Duke University.</i>	Durham, N. C.....	100 Club Boulevard, Durham, N. C.
Theodore Roosevelt Mattocks.... <i>Duke University.</i>	Maysville, N. C.....	Duke University, House P.
William Jefferson McAnally, Jr..... <i>Duke University.</i>	High Point, N. C.....	Medical School.
Harold Ellis Merkley..... <i>Brigham Young University.</i>	Salt Lake City, Utah.....	809 Second St., Durham, N. C.
Francis Poynter Meyer, Jr..... <i>St. Petersburg Junior College;</i> <i>Duke University.</i>	St. Petersburg, Fla.....	Duke University, House A.
Henry Mason Morfit..... <i>Johns Hopkins University.</i>	Baltimore, Md.....	208 Buchanan Road, Durham, N. C.
Rufus Clegg Morrow, Jr..... <i>Davidson College.</i>	Zitacuaro, Michoacan, Mexico	2102 Erwin Road, Durham, N. C.
Lyle Alfred Moser..... <i>Muhlenberg College;</i> <i>Lebanon Valley College.</i>	Muir, Pa.....	Duke University, House B.
Colin Alexander Munroe..... <i>Davidson College.</i>	Charlotte, N. C.....	Duke University, House B.
Henry Ten Eycke Munson..... <i>Wayne University;</i> <i>Duke University.</i>	Detroit, Mich.....	1026 Trinity Ave., Durham, N. C.
Brodie Crump Nalle, Jr..... <i>University of North Carolina.</i>	Charlotte, N. C.....	Duke University, House C.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Glenn Carraway Newman..... <i>Lehigh University;</i> <i>Wake Forest College.</i>	Clinton, N. C.....	Medical School.
Robert H. Nickau..... <i>North Carolina State College.</i>	Rahway, N. J.....	208 Buchanan Road, Durham, N. C.
Pat Ireland Nixon, Jr..... <i>University of Texas.</i>	San Antonio, Texas.....	Duke University, House A.
Gilbert Matthewson Palen..... <i>Hamilton College.</i>	Woodbury, N. J.....	208 Buchanan Road, Durham, N. C.
Albert Archer Parrish..... <i>Duke University.</i>	Tabor City, N. C.....	Duke University, Epworth.
Lawrence Augustus Pyle, Jr..... <i>University of Maryland;</i> <i>George Washington University.</i>	Washington, D. C.....	208 Buchanan Road, Durham, N. C.
William J. Rysanek, Jr..... <i>Johns Hopkins University.</i>	Baltimore, Md.....	Erwin Apts., Durham, N. C.
Logan Everette Sawyer..... <i>Duke University.</i>	South Mills, N. C.....	Duke University, House A.
Paul Welstead Schanher, Jr..... <i>Duke University.</i>	Mt. Clemens, Mich.....	Duke University, House A.
Thomas Gilbert Schnoor..... <i>University of California;</i> <i>University of Nevada.</i>	San Francisco, Cal.....	1503 W. Pettigrew St. Durham, N. C.
Robert Cathcart Smith..... <i>The Citadel.</i>	Mullins, S. C.....	1515 W. Pettigrew St., Durham, N. C.
Sidney Stark..... <i>New York University.</i>	Brooklyn, N. Y.....	Duke University, House B.
Wray Donald Storey..... <i>Geneva College.</i>	Scottsdale, Penna.....	Duke University, House B.
Lucien Martin Strawn..... <i>West Virginia University;</i> <i>Duke University.</i>	Morganton, W. Va.....	c/o Mrs. Roberson, East Campus.
Doris Lee Surles..... <i>Duke University.</i>	Dunn, N. C.....	706 Buchanan Road, Durham, N. C.
Joseph Dimmick Thetford..... <i>Tulane University;</i> <i>University of Alabama.</i>	Montgomery, Ala.....	Duke University, House B.
John Redden Timmons..... <i>University of South Carolina;</i> <i>Duke University.</i>	Columbia, S. C.....	1506 Duke Univ. Drive, Durham, N. C.
William Trachtenberg..... <i>University of North Carolina;</i> <i>Harvard College.</i>	Winston-Salem, N. C.....	Duke University, House C.
Larry Turner..... <i>Duke University.</i>	Rocky Mount, N. C.....	Duke University, House B.
Joseph Allison Cannon Wadsworth, II..... <i>Davidson College.</i>	Durham, N. C.....	410 Buchanan Road, Durham, N. C.
Frederic Monroe Jacob Walp.... <i>University of Pennsylvania;</i> <i>Muhlenberg College.</i>	Slatington, Pa.....	Duke University, House C.
George Archibald Watson, Jr.... <i>Lehigh University;</i> <i>New York University;</i> <i>Duke University.</i>	Cranford, N. J.....	University Drive, Durham, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Roderick Cameron Webb.....	St. Petersburg, Fla.....	Duke University, House B.
<i>St. Petersburg Junior College; Duke University.</i>		
Kenneth Durham Weeks.....	Rocky Mount, N. C.....	Duke University, House B.
<i>Davidson College.</i>		
Irving Bernard Wexler.....	New York City.....	Duke University, House B.
<i>New York University.</i>		
Reaves Augustus Wilson.....	Sarasota, Fla.....	Duke Hospital.
<i>University of Florida.</i>		

JUNIOR SENIOR

Raymond DeLacey Adams (11/30/36)*.....	Portland, Oregon.....	Duke Hospital. <i>University of Oregon.</i>
Trogler Francis Adkins (12/19/36).....	Durham, N. C.....	2101 Club Blvd., Durham, N. C.
<i>University of North Carolina.</i>		
Francis William Alter, Jr. (6/7/37).....	Toledo, Ohio.....	905 Second St., Durham, N. C.
<i>Yale College.</i>		
Robert Leonhardt Alter (9/4/37).....	Toledo, Ohio.....	905 Second St., Durham, N. C.
<i>Dartmouth College; Toledo University; Ohio State University.</i>		
Gordon Joseph Axelson (3/20/37).....	Chicago, Ill.....	1212 Broad St., Durham, N. C.
<i>University of Virginia.</i>		
Maynard Backer Badanes (9/5/36).....	Flushing, N. Y.....	Sydenham Hospital, New York, N. Y.
<i>Johns Hopkins University.</i>		
George James Baer (9/4/37).....	Harrisburg, Pa.....	Duke University, House A.
<i>Duke University.</i>		
Elizabeth Mary Balas.....	McKeesport, Pa.....	1011 Dacian Ave., Durham, N. C.
<i>University of Pittsburgh.</i>		
Sherwood W. Barefoot.....	Benson, N. C.....	903 Markham Ave., Durham, N. C.
<i>University of North Carolina, medical student, ibid., 1934-1936.</i>		
George Jay Baylin (3/20/37).....	Baltimore, Md.....	Erwin Apts., Durham, N. C.
<i>Johns Hopkins University.</i>		
Courtland Dixon Berry.....	Rahway, N. J.....	Duke University, House A.
<i>Wesleyan University.</i>		
William Kirkman Billingsley, Jr.....	Washington, D. C.....	Duke University, House A.
<i>George Washington University.</i>		
Bradford Bissell (12/19/36).....	New York, N. Y.....	The French Hospital, New York City.
<i>Cornell University; University of North Carolina.</i>		

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
James Riley Black, Jr.....	Bamberg, S. C.....	1200 College Road, Durham, N. C.
<i>Duke University.</i>		
George McClintock Bogardus....	Kalispell, Mont.....	Duke University, House W.
<i>University of Washington.</i>		
John Walter Brandt.....	Crafton, Pittsburgh, Pa.	
<i>George Washington University;</i>		1601 Duke University Road, Durham, N. C.
<i>Pennsylvania State College.</i>		
Walter Earl Brown.....	Wilson, N. C.....	903 Markham Ave., Durham, N. C.
<i>University of North Carolina;</i>		
<i>medical student, ibid., 1934-1936.</i>		
Julius Caesar Burge, Jr.		
(6/7/37)*.....	York, S. C.....	Duke University, House A.
<i>The Citadel.</i>		
Margaret Virginia Burns.....	Asheville, N. C.....	Duke University, Aycok.
<i>Duke University.</i>		
C. Willard Camalier, Jr.		
(12/21/37).....	Washington, D. C.....	Duke University, House A.
<i>George Washington University.</i>		
Richard Rutledge Carter.....	Portland, Oregon.....	Duke University, House A.
<i>University of Oregon.</i>		
James Madison Covington, Jr....	Wadesboro, N. C.....	Duke Hospital.
<i>Davidson College.</i>		
John Hulon Cox.....	Harmony, N. C.....	903 Markham Ave., Durham, N. C.
<i>University of North Carolina;</i>		
<i>medical student, ibid., 1934-1936.</i>		
Lester Cain Crismon.....	Salt Lake City, Utah.....	1700 Duke Univ. Road, Durham, N. C.
<i>University of Utah;</i>		
<i>medical student, ibid., 1934-1936.</i>		
Almon Rufus Cross.....	Colebrook, N. H.....	810 Second St., Durham, N. C.
<i>University of New Hampshire;</i>		
<i>medical student, ibid., 1934-1936.</i>		
James Hawley Currens.....	Macomb, Ill.....	Duke University, House A.
<i>Western Illinois State Teachers College;</i>		
<i>University of Michigan.</i>		
Harry Leonard Dein		
(3/20/37).....	Atlantic City, N. J.....	500 Watts St., Durham, N. C.
<i>Duke University.</i>		
William Franklin Drummond		
(3/20/37).....	Bonifray, Fla.....	1004 Shepherd St., Durham, N. C.
<i>University of Alabama;</i>		
<i>medical student, ibid., 1933-1935.</i>		
Charles Ross Duncan		
(6/7/37).....	Clayton, N. C.....	1703 C St., Durham, N. C.
<i>Wake Forest College;</i>		
<i>medical student, ibid., 1931-1933.</i>		
David Hudson Fogel.....	Brooklyn, N. Y.....	808 Third St., Durham, N. C.
<i>New York University;</i>		
<i>University of Virginia.</i>		
Robert Carson Fugate		
(3/30/37).....	Roanoke, Va.....	1511 W. Pettigrew St., Durham, N. C.
<i>Washington and Lee University;</i>		
<i>Emory and Henry College;</i>		
<i>Duke University.</i>		

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Atticus James Gill.....	Dallas, Texas.....	Duke University, House B.
<i>Duke University.</i>		
Dan Cummins Gill.....	Okmulgee, Okla.....	Duke University, House B.
<i>Virginia Military Institute; Oklahoma University.</i>		
William Henry Glass (6/7/37)*.....	Brooklyn, N. Y.....	1022 W. Trinity Ave., Durham, N. C.
<i>Furman University.</i>		
Thomas Alphonse Gonder, Jr. (6/7/37).....	Oakland, Md.....	Duke University, House B.
<i>University of Maryland; West Virginia University.</i>		
Aubrey Crafton Gose (6/7/37).....	Castlewood, Va.....	Erwin Apts., Durham, N. C.
<i>Emory and Henry College.</i>		
Cyrus Leighton Gray, Jr. (6/7/37).....	High Point, N. C.....	Duke University, House A.
<i>High Point College.</i>		
William Reid Haas.....	Minneapolis, Minn.....	1202 N. Gregson St., Durham, N. C.
<i>University of Minnesota; Carleton College; University of Wisconsin.</i>		
Charles Edgar Haines, Jr. (6/7/37).....	Vincentown, N. J.....	Forest Hill Road, Durham, N. C.
<i>Rutgers University; Duke University.</i>		
Collins Fremont Hall.....	Williamsport, Pa.....	Duke University, House A.
<i>Gettysburg College.</i>		
Harold Ira Harvey (6/7/37).....	Providence, R. I.....	Duke University, House B.
<i>Harvard College.</i>		
Walter Darlington Hastings, Jr....	Columbia, Tenn.....	1011 Oakland Ave., Durham, N. C.
<i>Duke University.</i>		
Alfred Faxon Henderson (6/7/37).....	Joliet, Ill.....	Duke University.
<i>Joliet Junior College; Duke University.</i>		
Marvin S. Herrington (3/20/37).....	Norfolk, Va.....	Duke Hospital.
<i>Duke University.</i>		
Harry Stuart Hickman.....	Hudson, N. C.....	508 Buchanan Road, Durham, N. C.
<i>Duke University.</i>		
William Fredwin Hollister.....	Santa Monica, Calif.....	905 Second St., Durham, N. C.
<i>University of California.</i>		
Harold Maclachlan Horack (3/20/37).....	Durham, N. C.....	Myrtle Drive, Durham, N. C.
<i>Duke University.</i>		
Newton Hornick (6/7/37).....	Brooklyn, N. Y.....	Duke University, House A.
<i>Catawba College.</i>		
Joe McKinney Ivie.....	Leaksville, N. C.....	1013 Monmouth Ave., Durham, N. C.
<i>Duke University.</i>		

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Arthur Harvey Joistad (12/21/37)*.....	Fargo, N. D.....	Myrtle Drive, Durham, N. C.
<i>University of Minnesota;</i>		
<i>University of North Dakota;</i>		
<i>medical student, ibid., 1933-1935.</i>		
William Henry Kaufman (9/4/37).....	Timonium, Md.....	Duke University. House A.
<i>Johns Hopkins University.</i>		
Jeremiah Wolfe Kerner (9/5/36).....	Jersey City, N. J....	Los Angeles Co. Hosp., Los Angeles, Calif.
<i>University of Georgia.</i>		
Thomas DeArman Kinney (9/5/36).....	Allentown, Pa.....	Johns Hopkins Hospital, Baltimore, Md.
<i>University of Pennsylvania.</i>		
Jerome Lawrence (12/21/37).....	New York, N. Y.....	Medical School.
<i>New York University.</i>		
Albert Francis Lee (6/7/37).....	Tacoma, Wash.....	Duke University, House A.
<i>University of Washington;</i>		
<i>College of Puget Sound.</i>		
Lyndon Edmund Lee, Jr. (12/21/37).....	Mount Vernon, N. Y....	608 Buchanan Road, Durham, N. C.
<i>University of Virginia;</i>		
<i>Columbia University.</i>		
William Arthur Leff (12/19/36).....	Newark, N. J.....	500 Watts St., Durham, N. C.
<i>Franklin and Marshall College.</i>		
Joseph Michael Lesko (12/21/37).....	Bridgeport, Conn.....	Duke University, House B.
<i>University of Michigan.</i>		
Thomas Norwood Lide (12/21/37).....	Anderson, S. C.....	1013 Monmouth Ave., Durham, N. C.
<i>Clemson College.</i>		
Durward Lee Lovell (12/19/36).....	Eden, Ala.....	Duke Hospital.
<i>Birmingham-Southern College;</i>		
<i>medical student, University of Alabama, 1929-1931.</i>		
William Alexander MacColl (12/21/37).....	Northampton, Mass.....	2110 Wilson St., Durham, N. C.
<i>Amherst College;</i>		
<i>Massachusetts State Graduate School.</i>		
Anthony Ralph Marsicano (12/19/36).....	Brooklyn, N. Y.....	1022 W. Trinity Ave., Durham, N. C.
<i>Long Island University.</i>		
David William Martin (6/7/37).....	Palm Beach, Fla.....	Medical School.
<i>Duke University.</i>		
James Risto Martin (3/20/37).....	Anniston, Ala.....	Erwin Apts., Durham, N. C.
<i>Vanderbilt University;</i>		
<i>University of Alabama;</i>		
<i>medical student, ibid., 1933-1935.</i>		

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Hugh Alexander McAllister		
(6/7/37)*.....	Lumberton, N. C.....	Erwin Apts., Durham, N. C.
<i>Davidson College;</i> <i>University of North Carolina;</i> <i>medical student, ibid., 1933-1935.</i>		
Joseph Pickett McCracken		
(9/4/37).....	Durham, N. C.....	907 Mangum St., Durham, N. C.
<i>Duke University.</i>		
Philip Joseph McNamara		
(9/5/36).....	Fitchburg, Mass....	Georgetown Univ. Hosp., Washington, D. C.
<i>Holy Cross College;</i> <i>Georgetown University;</i> <i>medical student, ibid., 1927-1931.</i>		
Frank Richardson Moore		
(6/7/37).....	Durham, N. C.....	1719 Roxboro Road, Durham, N. C.
<i>Duke University.</i>		
Arch Sherrod Morrow		
(12/19/36).....	High Point, N. C.	Church Home & Infirmary, Baltimore, Md.
<i>Davidson College.</i>		
Henry George Morton		
(12/21/37).....	Sarasota, Fla.....	Duke University, House A.
<i>Duke University.</i>		
Vince Moseley		
(12/19/36).....	Orangeburg, S. C.....	N. C. Sanatorium, Sanatorium, N. C.
<i>Clemson College;</i> <i>Duke University.</i>		
Philip Naumoff		
(6/7/37).....	Pittsburgh, Pa.....	608 Buchanan Road, Durham, N. C.
<i>University of Pittsburgh.</i>		
Walter Relfe Newbern		
(6/7/37).....	Durham, N. C.....	2100 Erwin Road, Durham, N. C.
<i>Duke University.</i>		
Richard Elwood Nitschke		
(6/7/37).....	Rye, N. Y.....	1515 W. Pettigrew St., Durham, N. C.
<i>Duke University.</i>		
Carlton Lee Ould		
(3/20/37).....	Roanoke, Va.....	1202 Gregson St., Durham, N. C.
<i>Roanoke College;</i> <i>Duke University.</i>		
Archibald Hanes Pate		
(6/7/37).....	Goldsboro, N. C.....	808 Yancey St., Durham, N. C.
<i>Duke University.</i>		
James McGuire Peery.....	North Tazewell, Va..	1601 Duke Univ. Road, Durham, N. C.
<i>William and Mary College.</i>		
R. Mel Perry.....	Pasco, Wash.....	Duke University, House B.
<i>University of Washington.</i>		
William Phillips		
(9/5/36).....	Cleveland Heights, O.....	Harper Hospital, Detroit, Mich.
<i>Ohio State University.</i>		
Raymond Woodrow Postlethwait		
(3/20/37).....	New Martinsville, W. Va..	1003 Dacian Ave., Durham, N. C.
<i>West Virginia University;</i> <i>medical student, ibid., 1933-1935.</i>		

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<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
William Flynn Powell (12/21/37)*..... <i>Princeton University.</i>	Asheville, N. C.....	1403 Oakland Ave., Durham, N. C.
Leo Bernard Provinsky (12/19/36)..... <i>Grove City College.</i>	Brockway, Pa....	Martinsburg City Hospital, Martinsburg, W. Va.
James Sidney Raper..... <i>Duke University.</i>	Lexington, N. C....	1013 Monmouth Ave., Durham, N. C.
Howard Lorenzo Reed (9/5/36)..... <i>Duke University.</i>	Livonia, N. Y.....	Roosevelt Hospital. Durham, N. C.
Ira Stanley Ross (12/21/37)..... <i>Duke University.</i>	Newark, N. J.....	808 Third St., Durham, N. C.
Weldon Troh Ross..... <i>University of Oregon.</i>	McMinnville, Oregon....	Duke University, House A.
Socrates Rumanos (3/20/37)..... <i>University of Alabama; medical student, ibid., 1933-1935.</i>	Mobile, Ala.....	Erwin Apts., Durham, N. C.
James Wilbur Sachs..... <i>Duke University.</i>	Hancock, Md.....	Duke University, House B.
William Osce Self (6/7/37)..... <i>Furman University.</i>	Ninety Six, S. C.....	1003 Dacian Ave., Durham, N. C.
James Edward Sheehy (6/7/37)..... <i>University of Notre Dame.</i>	Syracuse, N. Y.....	Duke Hospital.
Burton Michael Shinnors (9/5/36)..... <i>University of Notre Dame.</i>	Dunkirk, N. Y.....	Henry Ford Hospital, Detroit, Mich.
George Addison Silver, III (9/4/37)..... <i>Guilford College.</i>	Camden, N. J.....	Duke University, Durham, N. C.
William Charles Spring, Jr. (9/5/36)..... <i>University of Wisconsin.</i>	Glen Ridge, N. J.	University Hospitals of Cleveland, Cleveland, Ohio.
Charles Paul Stevick (9/5/36)..... <i>Duke University.</i>	Southern Pines, N. C.....	Duke Hospital.
Murdo Eugene Street, Jr. (3/20/37)..... <i>Duke University; University of North Carolina.</i>	Glendon, N. C.....	208 Buchanan Road, Durham, N. C.
George Merritt Stroud, III (12/21/37)..... <i>Duke University.</i>	Chester, Pa.....	Duke University, House B.
Charles Woodrow Styron..... <i>North Carolina State College.</i>	New Bern, N. C.....	Duke University, House A.
Edwin Hale Thornhill..... <i>Duke University.</i>	Bluefield, W. Va.....	1013 Monmouth Ave., Durham, N. C.

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>	<i>University Address</i>
Eulyss Robert Troxler.....	Greensboro, N. C.....	Duke University. House A.
Condit Brewer Van Arsdall (6/7/37)*.....	Harrodsburg, Ky.....	Duke University. House B.
<i>Kentucky Wesleyan College; University of Kentucky.</i>		
Joe Milton Vanhoy.....	Charlotte, N. C.....	Duke University. House A.
<i>Duke University.</i>		
Philip Holt Varner.....	Morgantown, W. Va.....	1012 Shepherd St., Durham, N. C.
<i>West Virginia University; medical student, ibid., 1934-1936.</i>		
Norman Clemm Veale (12/21/37).....	San Diego, Calif.....	Duke University. House A.
<i>University of California.</i>		
Nelson Mortimer Webster (12/21/37).....	Hollywood, Calif.....	Duke University. House A.
<i>University of Nevada.</i>		
Warner Lee Wells (12/21/37).....	Raleigh, N. C.....	Duke Hospital. <i>Duke University.</i>
James Griffith Whildin (6/7/37).....	Lansford, Pa.....	Duke University. House A.
<i>Duke University.</i>		
Charles Stanly Whitaker.....	Brooklyn, N. Y.....	1200 College Road, Durham, N. C.
<i>Duke University.</i>		
James Stevenson Wilson (3/20/37).....	Korea, Asia.....	Duke Hospital. <i>Davidson College.</i>
Wesley Wellington Wilson (3/20/37).....	Tampa, Fla.....	1119 Eighth St., Durham, N. C.
<i>University of Florida; Duke University; University of Alabama.</i>		
Frank Mahlon Woolsey, Jr.....	Hancock, N. Y.....	2200 Duke Univ. Road, Durham, N. C.
<i>Duke University.</i>		
Dorothy Bryan Wyvell.....	Washington, D. C.....	Duke University, Aycok
<i>Duke University.</i>		

THE SCHOOL OF NURSING

SENIOR

Atkinson, Pauline	Hodges, Charlotte I.
Bell, Joyce Louise	Holley, Mildred
Black, Frances G.	Lineberger, Mary Louise
Blakely, Margie Dean	Lopp, Lucille
Brooks, Ida Florence	Marr, Leta
Bryant, Hazel M.	McAdams, Marie
Estes, Frances	McDavid, Virginia B.
Gillam, Hazel	Peele, Margaret L.
Gladstone, Annie Laurie	Wooten, Julia S.
Hampton, Julia S.	

JUNIOR

Adams, Maude	Beery, Annie H.
Barbee, Sula M.	Brewer, Lottie Mae

* The date in parentheses after a name indicates the time of completion of the medical course.

Cook, Maud M.
 Currence, Martha L.
 Decker, Edna L.
 Dunn, Dorothy E.
 Eagles, Kathleen E.
 Gibson, Jean C.
 Hall, Myra M.

Jarrett, Sarah L.
 Olsen, Lurline E.
 Pegram, Annie Lee
 Pope, Virginia M.
 Smith, Hilda I.
 Wilson, Sara Ann
 Umbel, Waneta V.

FRESHMAN

Adams, Dorothy
 Alexander, Ruth
 Applewhite, Ida S.
 Atzrodt, Rebecca
 Barton, Ruth
 Bassett, Doris
 Bisanar, Lelia
 Castleberry, Margaret
 Cook, Betty W.
 Cothran, Mary Lillie
 Cochrane, Catherine
 Crowell, Alucia
 Fraser, Ruth
 Gangle, Elsie

Gordon, Nellie
 Hudgins, Harriet
 Maxwell, Winifred
 Miller, Carolyn
 Parrish, Marcelle
 Perry, Mary
 Pickett, Margaret
 Rabb, Iris
 Rearden, Laureen
 Richards, Eugenia
 Sanford, Marian
 Seawell, Margaret
 Shields, Lois
 Wescott, Martha

THE SCHOOL OF RELIGION

SENIOR YEAR

Andrus, Willam Darwin A.B., Rice Institute, 1934.	Houston, Texas
Barclift, Chancie DeShield A.B., Duke, 1927.	Durham, N. C.
Baker, Clarence Eugene A.B., Wake Forest College, 1931.	Durham, N. C.
Bennett, Luther Alcorn A.B., Millsaps College, 1934.	Fulton, Miss.
Breazeale, James Branson A.B., Southwestern College at Memphis, 1934.	Danville, Va.
Burns, Lacy Harvey A.B., Morris-Harvey College, 1933.	Beckley, W. Va.
Copeland, James Marion A.B., Wofford College, 1934.	Chester, S. C.
Cox, Abram Jones A.B., Lenoir-Rhyne College, 1935.	Hickory, N. C.
Crossno, Ramsey Leon A.B., Asbury College, 1933.	Bells, Tenn.
Dunn, Millard Charles A.B., Duke, 1928.	Bahama, N. C.
DuBose, Clarence Franklin A.B., Wofford College, 1931.	Irmo, S. C.
Duffie, George Summers A.B., Wofford College, 1930.	Chester, S. C.
Dutton, William Clarke A.B., Emory and Henry College, 1923.	Monroe, N. C.
Ellenberg, John Vinson A.B., Wake Forest College, 1933.	Durham, N. C.

Eubank, Graham Stanford	Pinetops, N. C.
A.B., Wofford College, 1933.	
Fast, Jennings Howard	Charleston, W. Va.
A.B., Morris-Harvey College, 1934.	
Greene, Johnnie Thomas	Durham, N. C.
A.B., Duke, 1936.	
Grisham, Roy Arnold	Horn Lake, Miss.
A.B., Millsaps College, 1928.	
Gruver, Esdras Stuart	Hyattsville, Md.
B.S., University of Maryland, 1933.	
Hartz, Edwin Ruben	Roxboro, N. C.
A.B., Central Missouri State Teachers College, 1933.	
Hozendorf, Connie Ray	Mendenhall, Miss.
A.B., Millsaps College, 1934.	
Huneycutt, Wiley Jackson	West Jefferson, N. C.
B.S., Davidson College, 1932.	
Jones, Sam Bruce	Hazel, Ky.
A.B., Murray State College, 1934.	
Kimbrell, Charles Wesley	Norborne, Mo.
B.S., Central College, 1930.	
Lee, Robert Steele	Murfreesboro, Tenn.
B.S., Tennessee State Teachers College, 1934.	
Lewis, Henry Barton	Edwards, Miss.
A.B., Millsaps College, 1934.	
Mathison, Ovie Wilson	Ozark, Ala.
A.B., Birmingham-Southern College, 1934.	
Mullis, Dwight Bruton	Charlotte, N. C.
A.B., Wake Forest College, 1934.	
Ormond, John Kern	Durham, N. C.
A.B., Duke, 1935.	
Phibbs, Andrew Frank, Jr.	Crabtree, N. C.
A.B., Duke, 1933.	
Pledger, William Ferrell	Tyler, Texas
A.B., Southwestern, 1935.	
Randall, Eugene Boyd	East Radford, Va.
A.B., Emory and Henry College, 1933.	
Reese, Malcolm Cephus	Hickory, N. C.
A.B., Lenoir-Rhyne College, 1932.	
Shinn, Fred Harris	Morven, N. C.
A.B., Duke, 1930.	
Shore, Philip Linus, Jr.	Trinity, N. C.
A.B., Duke, 1935.	
Stephenson, Marion Osborne	Durham, N. C.
A.B., Duke, 1932.	
Taylor, Paul Richard	Liberty, N. C.
A.B., Elon College, 1934.	
Townsley, Inman Ueber	Modesto, Calif.
A.B., University of California, 1933.	
Turner, Clarence Ambrose, Jr.	Martinsville, Va.
A.B., William and Mary College, 1930.	
Warren, Millard Whitfield	Youngsville, N. C.
A.B., Duke, 1931.	
Wilkerson, Milton Chick	Farmville, Va.
A.B., Hampden-Sydney College, 1933.	

Willis, Sidney Lane	Christiansburg, Va.
A.B., Emory and Henry College, 1934.	
Young, James Doyne	Pittsboro, N. C.
A.B., Lambuth College, 1930.	

MIDDLE YEAR

Bearden, Robert Edward Lee	Russellville, Ark.
A.B., Henderson State College, 1935.	
Beatty, Charles David	Pittsburgh, Pa.
A.B., Duke, 1935.	
Budd, Allen Clark	Greenwood, Fla.
A.B., Duke, 1935.	
Ellzey, William Clark	Cape Girardeau, Mo.
A.B., Southeast Missouri State Teachers College, 1936.	
Goodson, Walter Kenneth	Oak Ridge, N. C.
A.B., Catawba College, 1934.	
Hardin, Elliott Wannamaker	Charlotte, N. C.
A.B., Wofford College, 1935.	
Hickman, Victor Ralph	Springfield, S. C.
A.B., Wofford College, 1935.	
Holmes, Julian John	Statesville, N. C.
A.B., Lenoir-Rhyne College, 1935.	
Houck, Winton Robert	Maben, W. Va.
A.B., Morris-Harvey College, 1935.	
Hutchins, Walter Wilbur	Apex, N. C.
A.B., High Point College, 1935.	
Hyde, Forrest Ervin	Sanford, N. C.
A.B., Elon College, 1934.	
Jarvis, Charles Samuel	Washington, D. C.
A.B., American, 1935.	
Jones, Joseph Simeon	Mebane, N. C.
A.B., Elon College, 1932.	
Keller, Albert Freed	Norfolk, Va.
A.B., Duke, 1935.	
Kester, Grier Smith, Jr.	Columbia, S. C.
B.S., University of South Carolina, 1933.	
Lane, Daniel	Durham, N. C.
A.B., Duke, 1913.	
Lowman, Everett Herman	Connelly Springs, N. C.
A.B., Berea College, 1935.	
Miller, John Carlisle	Malvern, Ala.
A.B., Birmingham-Southern College, 1935.	
Morris, Clarence Poe	Pinnacle, N. C.
A.B., High Point College, 1933.	
Morton, Hilton Osro	Santa Ana, Calif.
A.B., Redlands College, 1935.	
Myers, Horwood Prettyman, Jr.	Nashville, Tenn.
A.B., Randolph-Macon College, 1935.	
Patterson, Floyd Merrill	Dallas, Texas
A.B., Southern Methodist, 1935.	
Rickard, Harry Cleveland	Churchville, Va.
A.B., Shepherd State Teachers College, 1935.	
Rink, James Edward	Winston-Salem, N. C.
A.B., Duke, 1935.	

Shackford, Joseph Temple A.B., Duke, 1934.	Rock Hill, S. C.
Shives, Marshall Bell A.B., Lenoir-Rhyne College, 1935.	Lincolnton, N. C.
Smith, Aubert Marlyn A.B., High Point College, 1935.	High Point, N. C.
Swann, Edgar Allen A.B., Emory and Henry College, 1935.	Clifton Forge, Va.
Taylor, Voigt Otway A.B., Newberry College, 1929.	Columbia, S. C.
Waggoner, John Phillip, Jr. A.B., Duke, 1935.	Charlotte, N. C.
White, Percy Daniel A.B., Emory and Henry College, 1935.	Dare, Va.

JUNIOR YEAR

Bloodworth, Marcus Herring A.B., Randolph-Macon College, 1936.	Norfolk, Va.
Boyd, George Hilliard A.B., Roanoke College, 1936.	Rocky Mount, Va.
Brandon, Joseph Max, Jr. A.B., Duke, 1936.	Morganton, N. C.
Coley, Herman Theophilus A.B., Wofford College, 1936.	Eureka, N. C.
Collins, Claude Ray A.B., Emory and Henry College, 1936.	Christiansburg, Va.
Hamilton, John Reynolds A.B., Catawba College, 1936.	Salisbury, N. C.
Hardin, Henry Grady, Jr. A.B., Duke, 1936.	Lake Junaluska, N. C.
Harmon, John Calvin A.B., Duke, 1934.	Durham, N. C.
Heckard, Cecil Linwood A.B., Wofford College, 1936.	Albemarle, N. C.
Higgins, James Silvester A.B., High Point College, 1937.	Guilford College, N. C.
Hinson, James Noel B.S., Millsaps College, 1936.	Nettleton, Miss.
Hubbard, Charles Spence A.B., University of North Carolina, 1936.	Sanford, N. C.
Jarvis, James Clair A.B., Morris-Harvey College, 1936.	Hamlin, W. Va.
Lindsay, Julian Astor B.S., Virginia Polytechnic Institute, 1935.	Washington, N. C.
McCulley, Robert William A.B., Lenoir-Rhyne College, 1936.	Lenoir, N. C.
Mallory, Rupert Talmage A.B., Morris-Harvey College, 1936.	Spring Hill, W. Va.
Martin, Robert Vance A.B., Wofford College, 1936.	Gastonia, N. C.
Meacham, Benjamin Franklin A.B., Duke, 1936.	Roberdell, N. C.

- Morris, Roy Albert
A.B., Wake Forest College, 1926.
- Neel, Samuel Regester
A.B., Emory and Henry College, 1935.
- Nicks, Robert Lee
A.B., Duke, 1937.
- Ousley, Carl Lee
B.S., Wake Forest College, 1935.
- Overton, James Hardy, Jr.
A.B., University of North Carolina, 1934.
- Owens, William Hector
A.B., Centre College, 1931.
- Page, Jack Ward
A.B., Duke, 1936.
- Pittard, Jesse Leo
A.B., High Point College, 1936.
- Queen, Virgil Erwin
A.B., Catawba College, 1937.
- Reese, David Whitehead, Jr.
A.B., Wofford College, 1936.
- Reichard, James Charles
A.B., Davidson College, 1936.
- Richey, McMurry Smith
A.B., Duke, 1936.
- Rooks, John James
A.B., Birmingham-Southern College, 1936.
- Ross, Courtney Beaman
A.B., Davidson College, 1935.
- Samuelson, Donald Dorward
A.B., Kentucky Wesleyan College, 1936.
- Schreyer, George Maurice
A.B., Wofford College, 1936.
- Soper, Elgar Clyde
A.B., Duke, 1936.
- Stroh, Byron Freenan
A.B., Asbury College, 1935.
- Tate, Robert Spence, Jr.
A.B., Southern Methodist, 1936.
- Varner, Lee Scott
A.B., Asbury College, 1936.
- Vick, Thomas Marvin
A.B., Southern Methodist, 1936.
- Watts, Ewart Goodell
A.B., Southern Methodist, 1936.
- Whetstone, Wood Knight
A.B., Birmingham-Southern College, 1936.
- Williams, Melvin John
A.B., Duke, 1936.
- Wood, Hoyt Hampton
A.B., High Point College, 1936.
- Carrboro, N. C.
- Keyser, W. Va.
- Cedar Grove, N. C.
- Wendell, N. C.
- Coinjock, N. C.
- Danville, Ky.
- Rowland, N. C.
- Roanoke Rapids, N. C.
- Morganton, N. C.
- Greer, S. C.
- Bynum, N. C.
- San Benito, Texas
- Tampa, Fla.
- Elmwood, N. C.
- Warren, Pa.
- Fletcher, N. C.
- Olney, Md.
- Indianapolis, Ind.
- San Antonio, Texas
- Roxboro, N. C.
- Dallas, Texas
- Little Rock, Ark.
- Sylacauga, Ala.
- Durham, N. C.
- Denton, N. C.

SPECIAL STUDENT

- Rainey, Lawyer James
A.B., Duke, 1927; B.D., Duke, 1930.
- Durham, N. C.

JUNALUSKA SCHOOL OF RELIGION

Bagby, Steadman
Beadle, Winans Fletcher
Bowen, Timothy Washington
Greene, Johnnie Thomas
Hyde, Forrest Ervin
McKellar, Ella Clare
Ormond, John Kern
Safrit, Sidney Clarence
Smith, Thornton Beckham
Taylor, Paul Richard

Henderson, Tenn.
Highlands, N. C.
Walstonburg, N. C.
Durham, N. C.
Sanford, N. C.
Macon, Ga.
Durham, N. C.
Salisbury, N. C.
Durham, N. C.
Lewisville, N. C.

SUMMARY

GOVERNMENT, ADMINISTRATION, AND INSTRUCTION

Governing Boards	51
Trustees of Duke University	36
Trustees of Duke Endowment	15
Officers of Administration	60
The University	4
Trinity College, the Woman's College and the Schools	21
Assistants in Administration	35
Officers of Instruction	373*
Professors	96
Associate Professors	34
Assistant Professors	69
Instructors	113
Instructional Assistants	61**
Staff of University Libraries	63
TOTAL	524

STUDENTS

Trinity College	1,702
Seniors	277
(includes 38 summer school graduates)	
Juniors	330
Sophomores	401
Freshmen	680
(includes 188 advanced freshmen)	
Special students	14
Woman's College	845
Seniors	173
Juniors	203
Sophomores	206
Freshmen	237
(includes 16 advanced freshmen)	
Special students	23
Auditors	3
The Graduate School of Arts and Sciences	1,263
(229 of these in regular academic year)	

* Does not include visiting members of Summer School faculty.

** Does not include Graduate Assistants, Fellows and Scholars who do not meet classes.

The School of Law	94
First Year	44
Second Year	19
Third Year	25
Graduate students	3
Special students	3
The School of Medicine	302
First Year	70
Second Year	61
Junior-Senior Year	112
Graduates (Internes and Residents)	59
The School of Nursing	80
Technicians	12
The School of Dietetics	4
The School of Religion	118
Seniors	43
Middle Year	31
Juniors	43
Special students	1
The Summer School (less duplicates)	2,684
Graduates, First Term	992
Graduates, Second Term	180
Graduates, Third Term	369
Undergraduates, First Term	745
Undergraduates, Second Term	180
Undergraduates, Third Term	251
Junaluska Summer School, affiliated with Duke University, and the School of Religion	193
Summer Quarter, Schools of Medicine and Nursing	145
(includes special research students)	
Deduction for names appearing more than once	7,104
Enrollment for 12 months' period	1,542
Enrollment in academic year	3,367

GIFTS AND BEQUESTS

Duke University derives its principal support from endowment funds and from miscellaneous gifts and grants. Permanently invested capital funds enable the University to offer to students academic and professional training at a fraction of its actual cost. The effectiveness of the University is determined to a large extent by its financial resources.

Gifts and bequests devoted to the improvement of the work of the University will be received and administered by the trustees in accordance with the desires of the donor.

Gifts. Any kind of property, real or personal, may be the subject of a gift and only such form as is required to pass title is necessary. If the gift consists of real property, the title will be passed by deed; if it consists of cash or unregistered bonds, the gift is consummated by delivery of the property; or if stocks, by delivery of properly endorsed stock certificates. Unless restricted, the use of gifts is at the discretion of the Board of Trustees. Usually the proceeds, conservatively invested, are added to the permanent endowment of the University. The donor may, however, restrict the use of any gift and designate definitely the objects for which it shall be used. In such cases, the transfer of property would be accomplished by a letter or other document describing in detail the objects for which the proceeds of the gift are to be used and when accepted by the University the terms or conditions set out therein become binding upon it.

Bequests. Bequests may be made to the University by an appropriate clause inserted in a will or by codicil to a will already drawn. The following forms will serve as appropriate clauses for wills or codicils:

General

I give (devise; if real property) and bequeath to Duke University, a corporation existing under the laws of the State of North Carolina and located in the City and County of Durham, State of North Carolina, and its successors forever the sum of.....dollars (or otherwise describe the gift) for the general purposes and uses of the University at the discretion of the Board of Trustees.

Specific

I give (devise; if real property) and bequeath to Duke University, a corporation existing under the laws of the State of North Carolina and located in the City and County of Durham, State of North Carolina, or its successors forever, the sum of.....dollars (or otherwise describe gift) and direct that the income therefrom shall be used for the following purposes, viz. (here describe in detail the use desired).

Codicil

Having heretofore made my last Will and Testament dated....., and being of sound mind, I hereby make, publish, and declare the following codicil thereto: (here insert clause in same form as if it had been included in body of Will). Except as hereinbefore changed, I hereby ratify, confirm and republish my said last Will and Testament.

INDEX

Accountancy, 80
Administration, officers of, 22
 business, 22
 educational, 23
 general, 22
 instructional, 24
 physical education and student health, 51
 public relations and alumni affairs, 23
 social and musical activities, 51
 university chapel, 51
 university libraries, 48
Admission and degrees, requirements for,
 graduate, 153
Admission, general regulations, 55
 by certificate, 55
 by examination, 56
 special students, 57
 to advanced standing, 56
 to college, 55
 to engineering courses, 70
 units of, 55
Alumnae Association, 127
 council, 127
Alumni Association, 127
 council, 127
 organizations, 127
Alumni Office, 127
 Register, 128
American Literature, 152
Angier B. Duke Memorial Scholarships, 137
Appointments Office, 128
Argumentation, 88
Assistants, 39
Athletic Council, 123
Avera Bible Lectures, The, 126

Biology, 117
Boarding accommodations, 133
Board of Trustees of Duke Endowment, 21
Board of Trustees of Duke University, 20
Botany, 75
Business administration, 79, 80
Business law, 81
By-laws, of the University, 17

Calendar, University, 5
 1937-1938, 7
Character and Personality, 152
Charter, of the University, 15
Chemistry, 77
Civil Engineering, 71, 85
 courses of study, 85
Class standing, 120
Committees of the board of trustees, 21
Composition, deficiencies in, 121
Course cards, 119
Courses of instruction, 75
 accountancy, 80
 American literature, 89
 biology, 117
 botany, 75
 business administration, 79
 business law, 81
 chemistry, 77
 civil engineering, 85
 dramatics, 88
 drawing, 85
 economics, 79
 education, 81, 96
 electrical engineering, 86

English 88
fine arts, 90
forest botany, 76
forestry, 92
French, 114
geology, 92
German, 93
Greek, 94
health, 96
history, 98
hygiene, 97
Italian, 115
Latin, 100
law, 101
mathematics, 102
mechanical engineering, 87
mechanics, 85
music, 104
philosophy, 104
physics, 107
political science, 108
psychology, 109
public speaking, 88
religion, 111
Roman studies, 100
Romance languages, 114
sociology, 116
Spanish, 115
zoology, 117

Dean's List, 122
Degree, admission to candidacy for a grad-
 uate, 153
Degrees, advanced, 153
Degrees, conferred, 293
 Bachelor of Arts, 296, 305
 Bachelor of Divinity, 300, 310
 Bachelor of Laws, 300, 310
 Bachelor of Science, 299, 308
 Diploma in Nursing, 300, 311
 Doctor of Medicine, 300, 311
 Doctor of Philosophy, 302, 311
 Honorary, 303, 313
 Master of Arts, 299, 309
 Master of Education, 299, 310
 Master of Laws, 311
Degrees, requirements for
 Bachelor of Arts, 58
 Bachelor of Divinity, 252
 Bachelor of Laws, 201
 Bachelor of Science, 67
 Bachelor of Science in Engineering, 70
 Doctor of Juridical Science, 205
 Doctor of Medicine, 230
 Doctor of Philosophy, 154
 Master of Arts, 153
 Master of Education, 153
 Master of Laws, 204
Dormitories, 150
Drawing, 85
Duke Mathematical Journal, 152
Duke University Day, 126
Duke University News Service, 128
Duke University Press, 152

Ecological Monographs, 152
Economics, 79
Education, 81
 physical education, 96
Electrical engineering, 86

- Employment, 135
 Engineering, 86
 English, 88
 Enrollment, 119
 Examinations, 119
 Exclusion for failure, 121
 Expenses and fees, 129
 estimated for an academic year, 130
- Faculty lectures, 126
 Fellows, university, 42
 Fine Arts, 90
 Flowers, John M., lectures, 126
 Forestry, 92
 Fraternities, 141
 French, 114
 Freshman week, 57
 Funds, loan, 137
- General fees, 129
 General library, 48
 General statement, 58
 German, 93
 Gifts and bequests, 439
 Government, of Duke University, 14
 Grades, regulations regarding, 119
 Graduate assistants, 42
 Graduate courses, admission to, 153
 Graduate dormitories, 150
 Graduate fellowships and scholarships, 150
 Graduate instruction, general statement, 145
 council on, 144
 Graduate scholars, 46
 Graduate School of Arts and Sciences, 143
 courses of instruction, 157
 biology, 184
 botany, 160
 chemistry, 161
 economics, 162
 education, 164
 English, 168
 forestry, 170
 German, 171
 Greek, 157
 history, 172
 Latin, 158
 mathematics, 174
 medicine, 186
 philosophy, 175
 physics, 177
 political science, 179
 psychology, 180
 religion, 182
 romance languages, 182
 Sanskrit, 159
 Semitics, 160
 sociology, 183
 zoology, 184
 Duke Forest, 150
 fees, special, 188
 laboratories, 148
 library, 146
 officers of administration, 144
 Greek, 94
 Groups of studies for the degree of Bachelor of Arts, 60
 group I—general, 60
 group II—business administration, 61
 group III—religion, 61
 group IV—pre-medical, 61
 group V—college teaching, 62
 group VI—public school teaching, 62
 group VII—pre-legal, 64
 group VIII—social service, 65
 group IX—academic-law combination, 66
 group X—honors, 65
- Bachelor of Science, 67
 group I—general, 68
 group II—pre-forestry, 68
 Bachelor of Science in Engineering, 70
 group I—civil engineering, 71
 group II—electrical engineering, 72
 group III—mechanical engineering, 73
- Health, 96, 124
Hispanic American Historical Review, The, 152
 Historical sketch, brief, 9
 History, 98
 Honors and prizes, 139
 Honors, conferred, 293
 in departments, 303, 313
 Freshman, 304, 314
 Junior, 304, 313
 Sophomore, 304, 314
 Honors Courses, 66
 Honors Group, 66
 Hours of class work, 120
 Houses, residence, 130, 132
- Indenture of Trust, 14
 Instructional staff, 24
 Italian, 115
- Journal of Parapsychology*, 152
Journal of Southern Association, 152
 Junaluska School of Religion, 261
 announcement, 261
 courses, 261
 instructors, 261
 Junaluska Summer School, 290
 admission, 291
 calendar, 291
 courses of instruction, 293
 botany, 293
 education, 293
 English, 293
 political science, 293
 religion, 294
 sociology, 293
 Spanish, 294
 courses offered, 291
 faculty, 290
 fees and expenses, 292
 registration, 291
 room and board, 292
- Laboratories, biological, 148
 chemistry, 149
 new science, 148
 physics, 149
 Laboratory fees, 129
 Latin, 100
 Law, school of, 191
 admission of students
 admission to advanced standing, 199
 admission, requirements for, 199
 candidates for graduate degrees, 200
 combined course, 199
 calendar, 192
 committees, 193
 courses offered, 206
 enrollment, 197
 faculty, 193
 fees and expenses, 197
 organization, equipment, and special activities, 194
 building, 195
 clinic, legal aid, 195
 Duke Bar Association, 196
 history and organization, 194
 instruction, purposes and method of, 194
 library, 195

- periodicals, legal, 196
- practice course, 195
- requirements for degrees
 - Bachelor of Laws, 201
 - Doctor of Juridical Science, 205
 - Master of Laws, 204
- scholarships, 197
- student programs
 - first-year program, 201
 - second- and third-year programs, 202
- Laws regulating payments, 133
- Lectures, the Avera Bible, 126
- faculty, 126
 - John McTyeire Flowers, 126
 - university, 126
- Libraries, 48, 54
 - general, 48
 - law, 50
 - medical school, 51
 - Woman's College, 50
- Library, the, 146
- Living accommodations, 130
- Loan funds, 135
- Materials fees, 129
- Mathematics, 102
- Matriculation, 119
- Mechanical engineering, 87
- Mechanics, 85
- Medals and prizes, 139
- Medicine, School of, 209
 - administration, officers of, 211
 - admission, committee on, regional representatives of, 216
 - admission, requirements for, 220
 - admission to advanced standing, requirements for, 220
 - anesthesia, course in, 219
 - Bachelor of Science, requirements for the degree of, 221
 - calendar, 210
 - clinic, diagnostic, for private patients, 217
 - committee, 212
 - curriculum, 229
 - Dietetics, School of, 218
 - Doctor of Medicine, requirements for the degree of, 221
 - fees and expenses, 233
 - fellowship, research, 233
 - general statement, 217
 - hospital, facilities of, 217
 - hospital, staff of, 212
 - instruction, departments of, 222
 - anatomy, 222
 - bacteriology, 224
 - biochemistry, 222
 - dentistry, 227
 - general surgery, 226
 - medicine, 224, 229
 - obstetrics and gynecology, 228
 - ophthalmological division, 226
 - orthopedic division, 227
 - otolaryngological division, 227
 - pathology, 223
 - pediatrics, 228
 - physiology and pharmacology, 223
 - preventive medicine and public health, 229
 - roentgenology, 228
 - surgery, 226
 - toxicology, 229
 - urological division, 227
 - internships and residencies, 219
 - library, 219
 - loan funds, Angier B. Duke Memorial and other, 233
 - Nursing, School of, 218
 - postgraduate study, 219
 - public dispensary, 218
 - staff, 212
 - Minimum uniform requirements for all groups, 59, 67
 - Music, 104
 - Nursing, School of, 235
 - activities offered, 238
 - administration, officers of, 237
 - admission requirements, 239
 - calendar, 236
 - committees, 237
 - course, five-year, leading to the degree of Bachelor of Science and Graduate in Nursing, 243
 - course, three-year, 239
 - courses, 240
 - expenses, 239
 - facilities for instruction, 238
 - health, 238
 - libraries, 238
 - physical education, 238
 - residence, 238
 - Officers of administration, 22
 - Philosophy, 104
 - Physical education, 96, 124
 - Physics, 107
 - Political science, 108
 - Pre-forestry, 68
 - Pre-legal, 64
 - Pre-medical, 61
 - Psychology, 109
 - Public school teaching, 62
 - Publications council, 125
 - Quality-Point-System, explanation of, 120
 - Registration, 119
 - Regulations, general, for Bachelor of Arts degree, 58, 119
 - Bachelor of Science degree, 67
 - governing athletic and other eligibility, 123
 - regarding class standing, 120
 - regarding dormitories, 131
 - regarding exclusion for failure, 121
 - regarding grades, 119
 - regarding public lectures and other occasions, 124
 - Religion, The School of, 247
 - administration, officers of, 249
 - admission, requirements for, 250
 - calendar, 248
 - courses of instruction, 254
 - Christian doctrine, 255
 - Church history, 255
 - history of religion, 258
 - homiletics, 256
 - missions, 258
 - New Testament, 254
 - Old Testament, 254
 - philosophy, 258
 - practical theology, 256
 - psychology of religion, 257
 - religious education, 256
 - sociology, 258
 - degree, Bachelor of Divinity, requirements for, 252
 - fees, 260
 - graduation, requirements for, 251
 - historical statement, 250
 - library, 260
 - part-time schedules, 251
 - purpose of, 260
 - thesis, 251

- Religious exercises, 125
 Research, encouragement of, 151
 opportunities for, in forestry, 150

 Sabbatical leave, 18
 Scholars, graduate, 46
 Scholarship regulations for athletic and
 other organizations, 123
 Scholarships and other sources of aid, 135
 Scholarships, special endowed, 135
 Senior work, 120
 Social service, 65
 Sociology, 116
 Sororities, 141
South Atlantic Quarterly, The, 152
 Spanish, 115
 Special students, admission of, 57
 Student organizations and activities, 141
 Students, roll of
 Graduate School of Arts and Sciences,
 358
 Junaluska School of Religion, 435
 Junaluska Summer School, 413
 School of Law, 413
 School of Medicine, 417
 School of Nursing, 429
 School of Religion, 430
 Trinity College, 315
 Woman's College, 344
 Summary, 437
 Summer Schools, *The*, 263
 admission, 273
 calendar, 273
 courses of instruction, 277
 biology, 277
 botany, 277
 chemistry, 277
 economics, 278
 education, 278, 283
 engineering, 283
 English, 283
 forestry, 285
 French, 285
 German, 286
 geography, 278
 government, 286
 history, 286
 mathematics, 287
 physics, 287
 political science, 288
 psychology, 288
 religion, 288
 sociology, 288
 Spanish, 289
 zoology, 289
 credits, 273
 faculty, 265
 fees, 275
 growth of, 273
 officers, administrative, 264
 thesis writing, 274

 Teachers taking college courses, 130
 Transcripts, 134
 Trinity College, 50
 Trustees of Duke Endowment, 21
 Trustees of Duke University, 21

 Undergraduate instruction, 53
 Undergraduate scholarships, 135
 Uniform requirements for all groups, 59,
 67
 Units of admission, 55
 University calendar, 5
 fellows, 42
 lectures, 126
 libraries, 48
 press, 152

 Woman's College, 54
 library, 50

 Zoology, 117

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